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<212> DNA
<213> Rattus norvegicus
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<222> 69
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<213> Rattus norvegicus
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tatgtacatt aataaattaa aatgaatgta ttaacaatca ataattaaca agttaaatca 180
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acaqaaqqcc qqtaccccaa qqccctgctc ccaqqccqqq ataggaatat gccccagaaq 240
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<213> Rattus norvegicus
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<212> DNA
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<213> Rattus norvegicus <400> 119

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<210> 120 <211> 514 <212> DNA

<213> Rattus norvegicus

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<400> 122

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cacagcgctc caggaagagg gagagaggga actcgggccc caaatttctt aataaaaaag 720
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<222> 48
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<212> DNA
<213> Rattus norvegicus
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<211> 526
<212> DNA
<213> Rattus norvegicus
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<222> 507
<223> n = A, T, C or G
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<210> 223
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<211> 771

<212> DNA

<213> Rattus norvegicus

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<213> Rattus norvegicus
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<213> Rattus norvegicus
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<211> 505
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 41, 46
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<212> DNA
<213> Rattus norvegicus
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<213> Rattus norvegicus
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<212> DNA
<213> Rattus norvegicus
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<210> 237
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<213> Rattus norvegicus
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<210> 238
<211> 269
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 54, 209
<223> n = A, T, C or G
<400> 238
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caaggaggag atgaagaaaa acaacatccc agaaccagtg gtcattggga ttgtgtggtc 180
aagtgtgatg agcaccgtgg agtggaacna gaaggaggag cttgtagcag aacaagccat 240
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<210> 239
<211> 651
<212> DNA
<213> Rattus norvegicus
<221> misc feature
<222> 194
<223> n = A, T, C or G
<400> 239
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<213> Rattus norvegicus
<400> 240
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<210> 241
<211> 603
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 122
<223> n = A, T, C or G
<400> 241
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<210> 242

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<211> 438
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 80
<223> n = A, T, C or G
<400> 242
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<213> Rattus norvegicus
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<210> 244
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<213> Rattus norvegicus
<400> 244
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<210> 245
<211> 467
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
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<222> 26, 45
<223> n = A, T, C or G
<400> 245
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<210> 246
<211> 447
<212> DNA
<213> Rattus norvegicus
<400> 246
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<211> 546
<212> DNA
<213> Rattus norvegicus
<400> 247
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<210> 248
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<212> DNA
<213> Rattus norvegicus
<400> 248
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<210> 249
<211> 392
<212> DNA
<213> Rattus norvegicus
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<212> DNA
<213> Rattus norvegicus
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tctgagagcc tcgattttcc tggtcagggt gaagttccct gtgtgtttgt aaaatacgaa 8160
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8269
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<211> 347
<212> DNA
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<220>
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<222> 316
<223> n = A, T, C or G
<400> 251
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tgtggtatac tgatgaacag aaccettgca ccgtgggcet cagttttgce taaagagate 180
tgtgcaagaa ccttcttcag aatcactaca ccattagtaa ataagcgaaa ggagtattca 240
gagagaagaa ttatagggta ctccatgcag gaaatgtatg atgtagtatc aggaatggaa 300
gattataaac attttnttcc ttggtgtaaa aagtccagat attattt
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<210> 252
<211> 818
<212> DNA
<213> Rattus norvegicus
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qtaaatcttt gtgccaacaa gaattctccc agtgttgtgt atctttacct cataccattc 180
attgatatgg ttcttgtgag attgtagctc gtctgacaga agccaaggtg gaatccgatg 240
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gacctcagcg gcatagtctc taaagttttg tgtaaactgt gatgttcacc tgtggctttg 360
acceatttet gatgtggttt aattttattt etttetggae agetttgtag aaatggaatt 420
tttatactaa agacactgtt cacttgtaag tcaatacatt ataaaatggt gtatttattt 480
tttgtaatag tgtggattgt ttagcccagt gtatttattt tcctttacct gtgtattctg 540
tgctctcaaa tagatgtgta gcaattgaaa tgagaactca gtgcatcatt tcaagcacta 600
cattgcctgc attgcaaatt ctctgagcac aggattgtac agaaccctga gcctgtgtac 660
tgccatttga ttgtcagttc catttgtgtc aaaacctaaa ggtggtgatg accaagtgaa 720
acagagtgct gtactgcttt ttcatatgaa tattttcaca taaaagcatt tgtgaaagca 780
gttgaaaata ttactttgtt taaaaaaaaa aaaaaaaa
<210> 253
<211> 544
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 47
<223> n = A, T, C or G
<400> 253
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ccgcgctgga acagctcctg gagggctatg accagcaaga ccaagatcaa gtgtccgagg 120
tetgeaacte geceetgtte aaatacatgg acaatgacta tgetaagetg ggeetaaget 180
tggtggtccc aggaggagga atcaagaaga aatccccagc gacaccccag gccaagcctg 240
agggtgctgc gggtgctgct gctgaagagg aggaagacga gtattcggga ggcctgtgct 300
agtgccctgc ctgcagggat gagaagacgg gatgctgacg agcctttctc atggaactag 360
gactcgtcct gtggacgcct ctgcttcacc gaagttctga tgttgaatgt taattatctg 420
aagttttagt tttccatttc ccacaccagc cattgtatct actgcctgtg aggcattctt 480
544
aaaa
<210> 254
<211> 422
<212> DNA
<213> Rattus norvegicus
<400> 254
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aaaaacggag caggatgcag agtgagactc tgtagcttaa taatagttca ttttgccact 120
tggaatagct tttccattca ggctaggtgt cattctgctt attttaagct gttattttat 180
ccctggccga ttacagattt tatattctag agttcccact agggaaggta cctcttttt 240
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atgggtaccg aggtttgaaa gttactcttt ctaaggggca aagtgattct tcctcaaact 360
catccgaggc tgacatttca ttctggggaa gtctacggaa gttggtaagg ttttctgtta 420
at
                                                                 422
<210> 255
<211> 722
<212> DNA
<213> Rattus norvegicus
<400> 255
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tctqqtqcat tqcctctqqt ttqcattqac aaqttaacat qqctactqaq qtcqtqtcaa 240
ccacagcacc gttagccctc cccgtcacct cttcccgtgg ctcactttct cactgggagc 300
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ccattttttc atgatccatt tcctgtttgg tcatgtaact gcacagcaga agaagaaagg 480
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ttatccaaag tactgtagaa catcttgttt attatttaat gttttctaaa gtgaaaaatg 600
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qC
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<211> 517
<212> DNA
<213> Rattus norvegicus
<400> 256
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caggtgctgg gattacaggc tttaaaggaa ggctgtgtgg aagatacgga aggctggcca 480
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<210> 257
<211> 115
<212> DNA
<213> Rattus norvegicus
<400> 257
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aactcctcat ttttatatcc ctatttatgg aaataattaa agtccagatt ccccc
                                                                 115
<210> 258
<211> 440
<212> DNA
<213> Rattus norvegicus
<400> 258
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acctcaaaat gatttgaatg cagttaccaa aatgagacat gtgaaggtgg cttcgatctt 120
gagetgeeaa geagaaaaet ageattatgt agttattatt eeeattaeee tttgtgetge 180
tggcctgcct taggttccta atctgcttca actggcctcc atgtagagtg gtaatgctcc 240
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tccagaggtt ccaagttcaa ttctcagcaa ccacatggtg actcacaacc gtctgtaatg 360
ggatctgatg tcctcttctt ctggtgtgtc tgaagacagt tacagtgtac tcatataaat 420
aaaatacaaa aataaccctt
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<210> 259
<211> 891
<212> DNA
<213> Rattus norvegicus
<400> 259
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atgaagatcg atgagctctc actctactca gttcctgagg gtcaatctaa atatgtggag 180
gagccaagga ctcaacttga agaaaacatc tcagaactcc gacatcgttg tgagccatat 240
acaaatttgt gtcaggaaat atactcccat actaaaccca aggtggaaca ctttgtccag 300
tggggagtag acaactataa ctatcttcaa aatgcacctc ctggatttta cccaagactc 360
ggagttattg gttttgctgg ttttgttgga ctcctttttg ctagaggttc aaaaataaag 420
aagctggtgt atcctccttt cttcatgggg ttaggtgcct ctgtctatta cccacaacaa 480
gccatcacta ttgcccagat cactggggag aagttatatg actggggatt acgagggtac 540
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cctggaaata aatagaaaac tctacgctct acccattata atcagttata ggtaaacatt 660
ggaaactcca gacagtaact cagtatttct acagacaaat ggcagaatca gtattggata 720
tagtaaactg gctttcatca ggaaaaacat taagcctttt tgctggtttg ggtgatgcca 780
tattacaggc caactaatct gcaatctttc acgtggaaat aatgtacaag ccttagaact 840
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<210> 260
<211> 456
<212> DNA
<213> Rattus norvegicus
<400> 260
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gcatgcgtgt tctggttagt tgatgcagtt tccccaaagt ctcaagttga tgagaaaata 180
gaaagagaag cagaacaaat ggacagtggt atcgggcagg ctgaggtgag cgcgtcctcc 240
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agccgtgcct atgttaatcg ctaggggggt ggggagcgca ttaacctgcg atgcccacat 360
gggctcagtc tgatctgggc cactttttgt ttctgcttct gtttgttttt cctgataacc 420
caaactctta gatttatcca aaaaaaaaa aaaaaa
                                                                   456
<210> 261
<211> 714
<212> DNA
<213> Rattus norvegicus
<400> 261
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gaaaccgtgt ctgacctcaa gtcggaaagg gagaagagtc ttgagggccg aactctagag 120
ccaccagccc agagetgatt tateeggaac ccagcatggg ttteetgact geegtgacte 180
aaggcctggt gcggggagcg gacaggatga gcaagtggac aagcaagcgg ggaccacgca 240
ccttcactaa gagtcggggt gccaagaaaa caggcttcta tacaaacagg aagtttgtgc 300
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ccaagaattt cccacgctag aagaccgtga cagtgqctaa ggtttgtcta caaagtgqaa 600
acaatactga ccatgccttg gattctgagt gtctcaaaga gtaggggcag cttccttgtg 660
cacttctatt aaatgccttt agtatcttgt acaatatatg ttctggatca agtc
<210> 262
<211> 283
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 13, \overline{1}04, 110, 131, 148, 169, 178, 211, 230, 231, 242, 245,
246, 256, 258, 272
<223> n = A, T, C or G
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<400> 262
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agaagatgag tttttcatca ttcagagcgg ntgccatcac ttctgacccn nttggagtcc 240
cntgnnagag acggtnantt cacactcttt gntccccacc aat
<210> 263
<211> 496
<212> DNA
<213> Rattus norvegicus
<400> 263
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actatggtac ttgtataaat tactacggta gtttaacaga aggtttagag gtcaccattc 120
tgagttgcat ttggactatg tgctctttta cgtgaatgtc aataaacagg ctaaataagt 180
gtaagaaaac attgttgaaa tattataaat caaaatgtac ttagtaatat ttaccattaa 240
acctacagtg gaaaatcttt atctgaaatt ttaaaataca ttgatttagc atgtcatttt 360
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aagaaaaaa aaaaaa
<210> 264
<211> 327
<212> DNA
<213> Rattus norvegicus
<400> 264
gaggacgatc agagcaacta caccaccaac tgctttggcg acagtgagtc caqcgtqagc 60
gagggcgact tcgtgggtga gagcaccacc accagcgact ctgaggagag cgggggttta 120
atctggtccc agtttgtcca gactctccct attcaaacgg ttacggcccc agaccttcac 180
accegececa caaaaacett tgtcaaaatt aaggeetege acaaceteaa gaagaagate 240
ctccgcttcc ggtcaggctc tttgaaactg atgactactg tttgagtagc tgatgtagcg 300
agtgtcttcc cctccccag tctctgg
                                                                 327
<210> 265
<211> 567
<212> DNA
<213> Rattus norvegicus
<400> 265
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tgagaggagg gaaggagaag gcaggaaagg aagaaggagg aagggaggag agataaggaa 180
ggaaggtgat aaggaaggga gctactacta ctacagcact gctactcagc cctccaggcc 240
tgtctggaca gtcttccttc catgttaggg tctgtcaaaa tcccccagga ttttatcagt 300
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tactgggttt atcetatttt aattttette ttttaatgte actttgttte atcacaaage 480
tacctttact ttgtgtgggt tcctctttt tcttcctttt ataaaaaaaa tccaataaaa 540
agtcaaaagt aaaaaaaaa aaaaaaa
                                                                567
<210> 266
<211> 595
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
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<222> 2
<223> n = A, T, C or G
<400> 266
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tactcggaga gcgagaagca atggaaagcg cgcatggagt ttatcctgcg ccacctgcct 180
gactaccgag acccaccgga cggcggcggt cgcctggacc agctactgtc cttatccatg 240
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atggaaatgg ctgatgggat tgaagtggaa gacctgccac agtttacaag cagaagcgaa 360
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aggcggcctg ggtgaacgcg actgagcact ggcagctctc agactcctgg aatttgcagc 480
atagaggcag ctggaacgga aggggatgag gcccaagggc ttcaaagacg tcttccttct 540
tccaggactg ctgtaaaaat gcatatttat gtatttataa atgtgaacac tcaga
<210> 267
<211> 586
<212> DNA
<213> Rattus norvegicus
<400> 267
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gtectaatet tetetetegg tgtaggtagg cetgtgeege aaacatgete egecagatee 120
tcgggcaagc caagaaacat cccagcttga tccctctctt cgtgtttatt ggagcagggg 180
gtactggagc agcactgtat gtgatgcgct tggcattgtt caatccagat gtcagctggg 240
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attetgtgaa egtggaetae agcaaaetga aaaaagaagg eecagaette taaaetgtga 360
agttcactgc aaagctgctt acaatgaagg tctttcagaa gccatccgca caattttcca 420
cttaagcagg aactatgtct ccgaatgcat gaaatcatgt tgattttttt ttgagtttat 480
tacactgatg aataaatctc tgaaacttga tatgtgtcac tatttaatgc tgaaaattca 540
tatgggattt gatagctagg atataagaaa taaagtatca ggattt
<210> 268
<211> 385
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 10
<223> n = A, T, C or G
<400> 268
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cttatgacac cctcaccca cccccagtg tctgcaacag gaagttctgt tgactgcatg 120
cagtggcaca tcctttaatc tcaggacttg agaggcagat gcagacagag atctgtgagt 180
tccaggccag cctggtctat gtaacgagtt ctaggacagc ctgggacaca gagtgaaaca 240
cttttaaaaa actttttccc tgcacagagc agatcatgga aaaccagaga cctgtaagaa 300
totgactata aacaatgtoo ttttttattt tttttttgaa cotottaaat atttacatga 360
                                                                 385
aataaaagat ggtaaaataa atttt
<210> 269
<211> 481
<212> DNA
<213> Rattus norvegicus
<400> 269
cagtttttag acagaatctg ttaggttggt ttctatgtga tccacgctgg cctggaactc 60
agttatccac ctgcctgcct gcctccagag tgccaatgtt aaaggcctgt attaccatgc 120
tggtacctcg gagagctaat agacataacc ttcactaagg aatcaatcac tggttaaagt 180
gagttgagga taggtcaggg cacactgacc tctaggagcc tttaggctaa tccctaactg 240
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cacctcccc caacaagcac caagtaaaca agcttcagaa aatggtagga ctaagtaaat 300
taactaatgg tcatagacgt gactattcca gatatattga tgtatcgcat tcgttttatt 360
aattgtaact caacctttag aaaaataaaa ctggagctgt tttctgagta tgacttatgg 420
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<210> 270
<211> 363
<212> DNA
<213> Rattus norvegicus
<400> 270
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<210> 271
<211> 497
<212> DNA
<213> Rattus norvegicus
<400> 271
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aagacctctc tgattacatg aactccctaa aagacttact aaaagtcaaa gccaacatta 180
tatatccagg acatggccca gtgatccata atgccgaagc taaaattctg gaatatattt 240
ctcaccgaaa taaccgagaa gaacaaatta tcaccgtatt ccgtgataac cttgaggaat 300
catteteagt gagegaactt aggaaaatga tttacaagaa egtteeagag aatttacata 360
agatggcgga gcataatctc ttgcttcact tgaggaaact agagaaagat gggaaaatat 420
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                                                                   497
<210> 272
<211> 1307
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 796
<223> n = A, T, C or G
<400> 272
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tggaacacag acctggtgga gacgctggag ctgcagaatc tgatgctgtg cgcactgcag 180
accatatatg gtgcggaagc acggaaggag tcacggggag ctcatgccag ggaagattac 240
aaggtgcgga ttgatgagta tgattactcc aagcccatcg agggccagca gaagaagcca 300
tttgcggaac actggaggaa gcacaccctc tcatatgtgg acaccaagac tgggaaggtt 360
actitiggatt acagacctgt tattgacaag accttgaatg aggctgactg tgctactgta 420
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<212> DNA
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<222> 71, 82
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<212> DNA
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<220>
<221> misc_feature
<222> 189
<223> n = A, T, C or G
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geogeettee getteeagaa ggagetggag egatggegee tgetaegeag eeegeeaceg 180
ccggtgcgna cgctcagaga aggcaaactg ggattaccat gcggagatac aagcctttgg 240
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<211> 379
<212> DNA
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<400> 276
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<211> 542
<212> DNA
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<400> 277
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<210> 278
<211> 487
<212> DNA
<213> Rattus norvegicus
<400> 278
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<212> DNA
<213> Rattus norvegicus
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<212> DNA
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<212> DNA
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<220>
<221> misc feature
<222> 20, 23, 28, 36, 39, 41, 50, 51, 56, 58, 66, 78, 79, 157, 246
<223> n = A, T, C or G
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<211> 524
<212> DNA
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<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
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<223> n = A, T, C or G
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<211> 162
<212> DNA
<213> Rattus norvegicus
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<210> 286
<211> 862
<212> DNA
<213> Rattus norvegicus
<400> 286
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<212> DNA
<213> Rattus norvegicus
<400> 287
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<211> 858
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 825
<223> n = A, T, C or G
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<211> 187
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<400> 292
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<212> DNA
<213> Rattus norvegicus
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<212> DNA
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<400> 294
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<212> DNA
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<220>
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<222> 159
<223> n = A, T, C or G
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<213> Rattus norvegicus
<400> 296
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<222> 326
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<213> Rattus norvegicus

<400> 319

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gttcaacctg tatcatgccc aactacctaa taaagataag ttcaatccgg agaagaattc 360
accaagacaa gtatatcaag ttaaacagta tacactccca ccatattaat aaaaactaat 420
gtgcgcatat acacaaaatt ctctctqcat tgtgtcagat ggtgataatt cagaccacag 480
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<210> 323
<211> 546
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 52
<223> n = A, T, C or G
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agtgtctgct gttggagact ccacgagata tactgggttg ttcctgtgct tagtaactga 180
ttgctgttgg gcccaggcta cagggaagag ggtgtcattg tcagtaaatg cagccacctt 240
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atattataaa agctaatttt ccccactctc tgagcagttc agatgttccc taacttacta 360
aatataagta cacctttaat tcagtcttgt tttcttgagt tacttgaaat tctttgcatt 420
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aaaaaa
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<211> 358
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<400> 324
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gtgatctaac aaaaagagtc tgccctatgc ctactcagag tttgaagaat caacttccat 180
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ggtctgctga aagcccagct cccactggaa gccctgtgtc ccagtgctgt ttccttgagc 300
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<210> 325
<211> 596
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 29, 31, 37, 56, 68, 70, 76
<223> n = A, T, C or G
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aagtgtggtt gaggggtgaa ctcctgcccc ttttttggatc aacttggcaa tcccaatacc 180
tataggctaa gttcaaggcc agcctggctg tatgtgaggc ccttatctcg aagcagttgc 240
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gacggggagt aggtgctggt ggagcacctc agtcagtgtg gcattactct gcactgagcc 420
ttactgagtc atatacaaga ccagtaggta aaatatttcc actatttaaa aaaaaacaac 480
cctcagtagg gcatggtagc aatatctgtt atctcagaga gaggcaggaa gatctctgag 540
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<210> 326
<211> 557
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 25, 26, 70
<223> n = A, T, C or G
<400> 326
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tgccaacacn gcgaacacta gctaagtact tcaatccttg ctatgccact gctaggttaa 120
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aaccaacatt catcagcaag qtcaatacag cagtccagtt aattttggtg qcagcttctc 180
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cggcagcagc gccagcgaaa gccacaggac tttcccgatc ttggtgttca gcttgtgaaa 420
ggtcttgtca gacaaaccat gtcttcaaaa ccgaagaaat gtacgtccaa aataagctcg 480
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aaaaaaaaa aaaaaaa
<210> 327
<211> 662
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 341
<223> n = A, T, C or G
<400> 327
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aatcctgcct gtcagtatag cctccccaac ctggagggca cagacaccca gggttttatg 180
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cagatccaag ttcaggaggt gtccttaatt cctcacatgc aagcccaagt gcagctgctt 420
cacttttgct ttccaaacac agattaactt aaataattga atgtatttta aaaaaatata 480
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ctgtttataa ttttcgcgtc ctagatacac atgaaaggaa tggttaagag gctgtcttta 600
aacgtaagca taggcaaaaa tagaggaaag atgaaaagaa aaagaaaaaa atcacaaaat 660
tt
                                                                 662
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<211> 443
<212> DNA
<213> Rattus norvegicus
<400> 328
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caccgcaaaa tccttaatta tccagagcaa gaagaagcat aaaactgact tttggttgtt 180
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gtactacttt tacggcagtc ggctaaacca ttattttagc atggtaaatc tgggtttgtt 420
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<211> 423
<212> DNA
<213> Rattus norvegicus
<400> 329
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gcagtcacct cctgagggac tggattaggg cttcagtctt ggagtttagg cttcctgttt 120
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gcagagccat tgcagggcca acgacagcct ctggaccctc tctccagtct gcagccgcac 240
tecaccacag gtacaggtgt gtacggcacc eggtageett tecactgtgg aageggacae 300
acctactett tettggteag geagetteaa ceaeetteee eaaceacate etaagtggga 360
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aaa
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<210> 330
<211> 407
<212> DNA
<213> Rattus norvegicus
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ggtccaagca agggatgact ttagaaaaga gctggacagc atcactccag acatcactcc 180
tggatggaaa gggatgagta tttctgacct aggtgagtaa ttatgtaaat tttatgttta 240
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<212> DNA
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<400> 331
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aactctagta gatggatgct aaatgcctag gcccacttaa cttattaatg tgtgaattac 660
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<211> 380
<212> DNA
<213> Rattus norvegicus
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gccctaggac caagaacaac gctgccttgg gtacctttgt cataagtcat ggctctggag 180
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cttacctacc tcataagctt
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<210> 333
<211> 514
<212> DNA
<213> Rattus norvegicus
<400> 333
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tgattgctgt tgaaaactga ttgttttgct gggcagtagt agtagcacaa gcctttaacc 180
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<210> 334
<211> 665
<212> DNA
<213> Rattus norvegicus
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<211> 391
<212> DNA
<213> Rattus norvegicus
<220>
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<222> 16
<223> n = A, T, C or G
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<210> 336
<211> 395
<212> DNA
<213> Rattus norvegicus
<400> 336
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<211> 306
<212> DNA
<213> Rattus norvegicus
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agageceagt agtetaagga cateetggta aegtetgaag atggeateae aaegateaea 240
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<210> 338
<211> 589
<212> DNA
<213> Rattus norvegicus
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<210> 339
<211> 662
<212> DNA
<213> Rattus norvegicus
<400> 339
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662
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<211> 693
<212> DNA
<213> Rattus norvegicus
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<210> 341
<211> 496
<212> DNA
<213> Rattus norvegicus
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<211> 415
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 37
<223> n = A, T, C or G
<400> 342
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<211> 566
<212> DNA
<213> Rattus norvegicus
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<210> 344
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<212> DNA
<213> Rattus norvegicus
<400> 344
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<210> 345
<211> 270
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
\langle 222 \rangle 19, \overline{3}4, 65, 76
<223> n = A, T, C or G
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<211> 411
<212> DNA
<213> Rattus norvegicus
<400> 346
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<212> DNA
<213> Rattus norvegicus
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ctgttaagtg ttaatgaaac tacaaaatga ataaaagaga aagaggtcca ccccaccttt 420
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<211> 752
<212> DNA
<213> Rattus norvegicus
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<212> DNA
<213> Rattus norvegicus
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<210> 351
<211> 514
<212> DNA
<213> Rattus norvegicus
<400> 351
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gtttctggct tgtcacatgc ttgtatttca gttgtgcaga ttgttqqqqa actattctct 360
actgtcagaa cacactgcca gtcagagctg taaaaggcag aatatgcttt cttggaagga 420
gaagacaaaa tatttgtaaa ttttcataat ttttaataat accatttgta taatttttt 480
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<210> 352
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gtaaatgtca agtattgttt ttggggtttt tatgttttat tatactttgt taaaaggaaa 600
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<211> 625
<212> DNA
<213> Rattus norvegicus
<220>
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<222> 11, 15, 17
<223> n = A, T, C or G
<400> 353
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<210> 354
<211> 529
<212> DNA
<213> Rattus norvegicus
<400> 354
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<211> 556
<212> DNA
<213> Rattus norvegicus
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<210> 356
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<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 55
<223> n = A, T, C or G
<400> 356
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atctc
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<210> 357
<211> 751
<212> DNA
<213> Rattus norvegicus
<400> 357
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<210> 358
<211> 266
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 107, 108, 208
<223> n = A, T, C or G
<400> 358
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<210> 359
<211> 1270
<212> DNA
<213> Rattus norvegicus
<400> 359
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<210> 360
<211> 507
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 75, 108
<223> n = A, T, C or G
<400> 360
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tcgtgagcgg ggtggtgggg tcagggtaga ggtctccaac cagtgagctt tgctcagcct 180
gctcggagtt cctaaagtct gctcaggact ggacaggttc tgggcattat aacaatttag 240
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taaaaaattt taattcatcc ctttgactac cctctcctat gggcacctct gagtgaagaa 480
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<210> 361
<211> 853
<212> DNA
<213> Rattus norvegicus
<400> 361
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<211> 578
<212> DNA
<213> Rattus norvegicus
<400> 362
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<210> 363
<211> 977
<212> DNA
<213> Rattus norvegicus
<400> 363
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<211> 503
<212> DNA
<213> Rattus norvegicus
<400> 365
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<212> DNA
<213> Rattus norvegicus
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<210> 367
<211> 377
<212> DNA
<213> Rattus norvegicus
<400> 367
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<210> 368

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<211> 260
<212> DNA
<213> Rattus norvegicus
<400> 368
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ataaatttgg agcgccacag aagactgttc agcagctagc catccttggc gcagggctga 120
tgggggctgg cattgcccag gtctctgtgg acaagggact gaaaactctt cttaaagaca 180
ctacagtgac aggctggccg gggacagcaa caagtgttca aaggactgaa tgacaaggta 240
aagaagaagg cctcacatcc
<210> 369
<211> 326
<212> DNA
<213> Rattus norvegicus
<400> 369
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eggaggeagg egegeggegg geaggeetgg aggggeggg teegtgtggg ceteagtgee 120
accegecagg cetgagaaga ggegagggag gteacaacga gaaggtgtag cegetgtage 180
cgcgcccgct ccctctgcga actgggaacg ttgagaacaa ccatgtccta ctgccggcag 240
gaagggaagg atcggatcat atttgtgacc aaagaagacc atgaaactcc tagcagtqct 300
gagctggtgg ctgatgaccc caatga
<210> 370
<211> 295
<212> DNA
<213> Rattus norvegicus
<400> 370
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cgcatcctct gcctgtttga cgtggacggg accctcacgc cagctcgcca gaaaattgat 120
cctgaggtat cagccttcct gcagaagcta cgaagcaggg tgcagatcgg cgtggtgggt 180
ggatctgact actccaagat cgctgagcag ctgggtgatg gggatgaagt catgagaagt 240
ttgactatgt gtttgctgag aacgggacat gcagtataag cacggacggc tactc
<210> 371
<211> 394
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 114, 126
<223> n = A, T, C or G
<400> 371
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cagaggtgcc agcagcggtg tcggcagcgt caccctggct tgccccctgc gcancctgag 120
ccaganggcc cctctgagtc cccgaataac aaggccgtcc tgatcaacgc ttgtgagcgg 180
ggctgtcggc ttttctccat ctgccgcttc gtggccagga gctctaggcc caatgccaca 240
gagacagaat gtgaagcagc ctgcaccgag gcttacgtga aggcaaagga gcagcaggcc 300
tgcagtgaag ggtgttgggg ccagatccct gaacctgaga cccagctgga gcagaaggaa 360
ttggctttgg acccacctag tgggagcctc tccc
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<210> 372
<211> 243
<212> DNA
<213> Rattus norvegicus
<220>
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<221> misc feature
<222> 132
<223> n = A, T, C or G
<400> 372
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accatgccag gttggtcctg gaggcattgg agtgaagaaa aataaacctt tgtctttatt 120
cccttgattc tngaagagaa gctcaataaa cagaaatcag gtacttgcag ggttctgagt 180
aggtttttca gggaagtctt tagggagaag agtctggttc tatttttgca tatgtaaaat 240
                                                                   243
gag
<210> 373
<211> 285
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 44, 157, 174, 185, 192, 194, 195, 196, 197, 272
<223> n = A, T, C or G
<400> 373
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tcttaggaaa ctagaaaaag aaaggccttc tcgtgtcatt gtgttgattt tgtgtatctt 120
gtgtattcat gcagttcggt ttccagaaaa ctcacantgg ccccaaaagg aaantcctaa 180
ttcanactgt antnnnncca aatgatgaga gaggaggacc atggtggagc ctttgagtaa 240
ggttacaaac tgaaggagac actgtctgtg tngtaatcca tcact
<210> 374
<211> 300
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 292
<223> n = A, T, C or G
<400> 374
cccggctggg ccagagcaaa ggaaaggacg ctgtaggttg gggagcatgt ctagcttctc 60
aaaggcgccc cagcaatggg ccacttttgc tcgaatgtgg tatctcttgg atggcaaaat 120
gcagccccct ggcaaacttg cggccatagc atccaataaa cttcaggggt tacataaacc 180
agtgtaccat cagctgagtg attgtggaga ccatgttgtc ataataaaca caagacatat 240
tgcattttct tggaaacaaa tgggaacaaa aagtgtactt cctcacatac tngctacccg 300
<210> 375
<211> 389
<212> DNA
<213> Rattus norvegicus
<400> 375
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atggttgtca gcggggcggc aggcgcctgt ggatctttgg ctgggcagat tggccacctg 120
cttggttgtt ccagagtggt gggaatttgt ggaacgcatg agaaatgtct ctttttgacc 180
tcagagctgg ggtttgatgc tgcagtcaat tacaaaacag ggaacgttgc agaacagctt 240
cgagaagcgt gcccggacgg agtggatgtt tactttgaca atgttggagg tgacatcagc 300
aatqcqqtqa taaqtcaqat qaatcaqaac aqccacatca ttctqtqttq qtcaqatttc 360
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tcagtacctg cccgggcggg ccgcttcga
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<210> 376

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<211> 722
<212> DNA
<213> Rattus norvegicus
<400> 376
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tetttgetaa agtggacagg ttggetgggg teatcaaett ceagagaece aaggateeaa 180
ataacttatt aaatgactgg tctcagaaac tgaattcact gatgtctctg gtgaacaaaa 240
cgacacacct catagccaaa gaggagatga tacataatct acagtgaggg tctggatgct 300
tctagaagac acaaaattgg aggtcattaa aaaagaaaga ctgttttcgt ggtgtatatg 360
ttgttttttc ttactatcca atctttttc taaaatttta agatagtaaa tgtgtttaag 420
cacctctgcc ttttccactc cttggtttca tgttaacgct gcaaaacatt ttcccagtct 480
gaagacggaa aggtttgtgt cccagccttc cttcgagtgt attggtacca tttgtttcta 540
ttcatctgac cactacatga caataatgaa aacaggacat gtgtgttagc tcctgaagtt 600
gcctcttctt ggagagctgg tgattaacaa gtggttataa ataatcgtgt cataaagtta 660
ttgatgactt actagaatta aaaacaaaac atagaccatg caaggaaaaa aaaaaaaaa 720
<210> 377
<211> 372
<212> DNA
<213> Rattus norvegicus
<400> 377
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aacctctgct gtgcgtgcgg cagcctctgt tcttaggagc gccaagcagc ccccgctcat 120
catcgggaaa ggcgctgctt attcccatgc agaggacagc atccggaagc tggtggagct 180
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aaactgtgtg ggtgcagcca gatccagggc ctttgcagtt tgctgatgtg attgtgttat 300
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gcggccgctc ga
                                                                   372
<210> 378
<211> 460
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 19, 70, 393, 395, 408, 454, 459
<223> n = A, T, C or G
<400> 378
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tccgcgcgcn gcctcgcggc cggagcccag cgcgtgggac gaattcatac cagtgtgcac 120
tgcaagctga ggtacgggct tttggcttcc attctcggtg ataagacaac caaaaagctg 180
catgagtaca gccgagtgat aacagtagat ggcaacatat gctctgggaa aaacaagctc 240
gcaagggaca tcgcagagca gctaggcatg aagcactatc cggaagcagg gatacagtac 300
tcaagcagca ccacgggtga cggaaggccc ctcgacatag agtttagtgg cagctgtagt 360
ttagaggaaa ttttatggac aatcccaaaa gcnangcagg caacactnac cgcctacagt 420
cctggctttc tgccagccgc ctctgcatat tcantgccng
<210> 379
<211> 678
<212> DNA
<213> Rattus norvegicus
<400> 379
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ccgctcgaca ctgtcctgaa ggtcttagat atattaggca agaagttccc tgtctctqag 120
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aactccaaag gctacaagtt gctgccaccc taccttagag tcattcaagg ggacggagtg 180
gatatcaata ctctacagga gattgtcgag ggaatgaaac agaaaaagtg gagtattgag 240
aatgtctcct ttggttctgg tggcgctttg ctacagaagt taaccagaga cctcttgaat 300
tgctccttca agtgcagcta tgttgtaacc aatggccttg gggttaatgt ctttaaggac 360
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gcagggacct ttgtcaccct tgaagaagga aaaggagacc ttgaagaata tggccatgat 480
cttctccatt acggcttttc aagaatggga aggtgacaaa aaagctactc gtttgacgaa 540
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gttgagtggg tggttgtgt tgcaggtgtg tggtgcatac gtgcgcgcat gtttgcgctg 660
tggtgtgtac tggcggaa
<210> 380
<211> 242
<212> DNA
<213> Rattus norvegicus
<400> 380
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acctatgggt ctatggagaa gaaggagcgg gtggagttta ttctggagca gatgaggctc 120
tqcctaqccg tgaaggatta cattcgcaca cagatcatca gcaaaaaaat taacaccaaa 180
ttcttccagg aagaaaacac agagaaatta aagttgaagt acctgcccgg gcggccgctc 240
ga
                                                                   242
<210> 381
<211> 629
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 544, 548, 559, 572, 578, 597, 600, 602, 606, 611, 614, 617
<223> n = A, T, C or G
<400> 381
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gcaatgagga cacagacatt cccaagggct atatggattt aatgcctttt attaacaaag 120
ctggctgcga atgtctcaat gaaagtgatg agcacggctt tgacaactgc ttacgaaaag 180
acctgtcctt cttggagtct gactgcgacg agcagctgct tattactgtg gcattcaatc 240
aaccagttaa actttattcc atgaagtttc aaggaccaga taatggtcag ggtcctaaat 300
atgtaaaaat ttttatcaac ctaccccgat ctatggactt tgaggaggca gaaaggagtg 360
agccaaccca agctgctgga actgacagaa gatgacatta aagaagatgg cattgttcct 420
cttcgttatg ttaaatttca gaatgtgaac agtgtaactt tgtttgttca gtctaatcaa 480
ggagaagaag aaacaacaag aattteetat tttaetttea ttggtaetee egteeaggea 540
acanatanga atgacttcna acgagtgatt gngcaaanaa ggggaaagcc ataggtncgn 600
antachetgg nggnethetg cagteagtt
                                                                   629
<210> 382
<211> 259
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 36, 152
<223> n = A, T, C or G
<400> 382
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tacaaccagg gcttcatccg aaagcagtgt gtggaccact ataatgaaat taagcggctt 120
actettecag agtacetgee accaeatgea gneatetata tegatgtgee tgtgteagaa 180
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ctccaagaca tcgaggatg
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<210> 383
<211> 654
<212> DNA
<213> Rattus norvegicus
<400> 383
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gacgatecet getgggatte agacagacea gaagattege ttgactggga aaggeatece 120
ccgtattaat agctatggct atggtgacca ctacattcac attaagatca gagttccaaa 180
gaggctaagc agtaggcagc agaacctgat cctgagctat gctgaggatg agaccgatgt 240
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<210> 384
<211> 684
<212> DNA
<213> Rattus norvegicus
<400> 384
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gacagtcaaa aaaaaaaaaa aaaa
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<210> 385
<211> 696
<212> DNA
<213> Rattus norvegicus
<400> 385
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ctgtgtgcac gcgcctgtgt ctcaatgtta tttctaaaat gtacttagga aaaataaaca 660
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<210> 386
<211> 565
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<212> DNA
<213> Rattus norvegicus
<400> 386
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ccctgaaagc agcaaaggat ggagccaaca tcgtcattgc tgcaaagacc acccaaaggc 180
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<212> DNA
<213> Rattus norvegicus
<400> 387
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<212> DNA
<213> Rattus norvegicus
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<210> 389

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<211> 657
<212> DNA
<213> Rattus norvegicus
<400> 389
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agagtggcac aggactggct gaaggaggcc cgaatgacct tagaaactaa gcagatagtg 240
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<210> 390
<211> 802
<212> DNA
<213> Rattus norvegicus
<400> 390
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tgttgagaaa tatggctaca cacacctttc tgcaggagag cttcttcgtg atgaaaggaa 120
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ttaatttqtq qtcacaqtqc acaqtqaatt caqtttaatc attttaqqta ttatcqqqqc 780
                                                                 802
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<210> 391
<211> 540
<212> DNA
<213> Rattus norvegicus
<400> 391
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<211> 510
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<210> 415
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<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 248, 268
<223> n = A, T, C or G
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<400> 416
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<211> 422
<212> DNA
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<211> 901
<212> DNA
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<222> 28
<223> n = A, T, C or G
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<400> 422
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<400> 423
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<222> 680
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<211> 504
<212> DNA
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<400> 426
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<212> DNA
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cccaagatcg cgcggcgaac acacactccc taaagacaca cagggcgcgg gcagaattca 420
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ataattacgc caataggggg cgcgcgct aacacaccgc tgcgggcgcg gccaaacaac 540
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gtaagtgatt agattaacat aatattcaat aaaaaataaa cacaagttct atctcatttc 240
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<212> DNA
<213> Rattus norvegicus
<400> 430
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<210> 431
<211> 542
<212> DNA
<213> Rattus norvegicus
<400> 431
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<211> 617
<212> DNA
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aagctgcggc tgcagcagct gcgggagctg agaaggcgat ggctgaagga ccaagagctg 180
agccccggg agcccgtgtt gccccgcgc aggatgtggc ccctggagcg attctggaat 240
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catgtggcta ctaaaccata tgccattgtt ggcacgaagc ccagaatatt tccaggtgat 420
acaattctgg agactggaga agtaattcca ccaatgagag attttcctga taaacatcat 480
tgaagagctc ttaaaaaattt aaaaaacttg tgtaacagca catgtatgtt ccaaaagtgc 540
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acaaaaaaa aaaaaaa
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<211> 685
<212> DNA
<213> Rattus norvegicus
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tgttgaacac atcgacatgg aagctggcag acggccaaac tcgggacacc cagcttataa 180
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ccagaaaggt cagaatcttt gttcctgctc gcaataacat gcagtctgga gtaaacaaca 300
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cggttgcctt tgcagaaaag catggatgga gctatgacgt ggaagggagg aaggttccga 480
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<210> 434
<211> 789
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 772
<223> n = A, T, C or G
<400> 434
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ttggcatttc tgatttcagt tctgaaattt ctgtccctta gtcgtgggga aaataagaaa 120
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tggagtgctt gcatagcaat gtgcataatc cgaggttcaa gccccagcac cgaaaaagag 300
aatcgggagg agtggaggca ttcacagcag cgttttcagt ataggcgcaa aggggaagga 360
gtttaaacac ctactgagga atggataagc ggagtgcctt gtctatactc gggatgctag 420
tcatcagtag aaaagtttga aatgatagat acgatggatg atcccttaaa catctcccta 480
agtaacgagg tcagcctagg aaggcgtatg ttccatattt ctgggatata tgggctcacc 540
gatgcagaaa aaagtacagc ctggtatcct ggattggaga cacggactgg actttggaag 600
acaacagaat ggaacagaat ttacttgagt ggcgatgttc ttgaatgaac ggaagtcatg 660
cttgcccact tgatgactgc atttacaaac cactgaattt tacttttagt gggtgaattg 720
catggtacct tcattttaat ctcaataaag ctgcgagtat ttttaagcga anaaaaaaaa 780
aaaaaaaa
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<210> 435
<211> 638
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
\langle 222 \rangle 75, \overline{5}74, 583
<223> n = A, T, C or G
<400> 435
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<210> 436
<211> 613
<212> DNA
<213> Rattus norvegicus
<400> 436
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atacacaggg atacgtacgt catacctggt ggttgcttaa gaaagttatg aagttacgtc 120
catgattett ageteettte tteaaacgtt tttececete etggttttte tgtgttetee 180
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aacatctttg gtcttttgtg gaatttgaac taaatctatg agccttattc gatatctata 360
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qtagqaaaaa tgtttctqaa acaaaacttg acaaatattt gtaatgaaaa gtaaacttaa 540
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aaaaaaaaa aaa
<210> 437
<211> 850
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 252
<223> n = A, T, C or G
<400> 437
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ccccagcccc gcttcgccgc cgccatggcg gaccctaaat acgccgatct ccccggcatt 180
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aaaaaaaaa
<210> 438
<211> 117
<212> DNA
<213> Rattus norvegicus
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<210> 439
<211> 616
<212> DNA
<213> Rattus norvegicus
<400> 439
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caacaaaact tttgcaaaag atggccagca tcgggtgctg agcataaatc gaaatgctgt 180
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tgcagtgcag tacagacaga agattgtgaa gagctcacac cggattgagg agctgtacga 360
ttcgttacta caagctgttg ctttttacga gttagttttt ggcagtggct cagagctcaa 420
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tgttagtgga gaagaaaaca ttttgaatat attttccatg tttataaaat ctgatttttg 540
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caaaaaaaa acaaaa
<210> 440
<211> 483
<212> DNA
<213> Rattus norvegicus
<220>
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<222> 212
<223> n = A, T, C or G
<400> 440
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ggactaactt ccaccgccc tttggtattc tctggacact tgttttttat taacttatgg 120
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aaa
                                                                   483
<210> 441
<211> 208
<212> DNA
<213> Rattus norvegicus
<400> 441
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aagattaaag accaaccett taagaggggt ttteeteett tttgaattgg etggaaaggg 120
ggggggacag aagacagtgt gattttttca gtgatttcct gaagtgttgt ccctttccct 180
aaatgggggg aaataacccc catgccag
                                                                  208
<210> 442
<211> 286
<212> DNA
<213> Rattus norvegicus
<400> 442
cttgtcagga aatcctcagg aaagttgaac ggctttqcca gtctctgacc caaacatgtt 60
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ttctgcctca tcttttataa cctttcttat gttttacagt gctgccatgg ttcacatttc 120
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catgctaggc aaatattctc ccatgaagtc atgttcttca gttctggatg atacggtgaa 240
gtcggtgcaa atgcatccga tcacaatgga aaaaaaaaa aaaaaa
                                                                 286
<210> 443
<211> 403
<212> DNA
<213> Rattus norvegicus
<400> 443
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gccaagaaag cttcactttt gaaaacagcc agatatggtc cgatgtctat agcctgccaa 120
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403
<210> 444
<211> 641
<212> DNA
<213> Rattus norvegicus
<220>
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<222> 1
<223> n = A, T, C or G
<400> 444
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atttttctag atttttatct ttcatgaaat attgatgtgt tttaatctac tttaaaatac 600
tgccaacgag gacaatgtca cagaataaat cgatgttatg c
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<210> 445
<211> 439
<212> DNA
<213> Rattus norvegicus
<400> 445
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cgctgaatca gacttaaccc agtctttctc actaaatgat tcacaagacg atttacctac 120
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gtctatgact tcagagctgt gactcagttg cqtcattaaa cattctgcat tqqqtataac 420
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<210> 446
<211> 372
<212> DNA
<213> Rattus norvegicus
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gcgagggggc ggaggacgcg ggtacgccgg ggatcagggc cccgcggggg tggcctttaa 360
ctctcgcggc cg
<210> 447
<211> 482
<212> DNA
<213> Rattus norvegicus
<400> 447
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<210> 448
<211> 475
<212> DNA
<213> Rattus norvegicus
<400> 448
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<210> 449
<211> 624
<212> DNA
<213> Rattus norvegicus
<400> 449
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aggtottaag gtoaatacta accaacatto tgtatgtaaa tttogtgtgt gcoctaacca 180
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agttgtgttt ctgtaagccc caggaaccct ctaaagatgc aaccagcccc tacaagggac 540
caccagaagt atttccataa ttataaacac ttatttcctt tattaataaa gaccctgaat 600
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<210> 450
<211> 603
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<212> DNA
<213> Rattus norvegicus
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acggtatcta tgcaagcagg cagactctgg cctgttctgc caagattaag tgggtaaagc 180
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aaa
<210> 451
<211> 623
<212> DNA
<213> Rattus norvegicus
<400> 451
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caacattaaa cctaaaagtt gtcaaatact ggtttgtcgt tcaccgagta gctttcaccc 180
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gtcatgtcgg ttcttgccat gaatttctca atgaaagtgg atttttttcc agtatttcaa 600
taaatattga tatgtccacc tgg
<210> 452
<211> 330
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
\langle 222 \rangle 32, \overline{1}28, 138, 140, 251, 284
<223> n = A, T, C or G
<400> 452
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aatgctgcag tcatgcagtg aagcttttgt ttctactctg caggccccta aatcatctgg 120
gccagggnca ggccccntn tttccataga aaccatgttg gatgtgagct atgtcaaacg 180
ctagggcctt ttcccgtgta cacaagcacc tcctagctag caaaatctat tggttagctg 240
gagacqcttt ngtaacttta ttatgcttat caggtgacca caantggcaa tggtatttta 300
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tttatggacc agcaccccaa ccattttgaa
<210> 453
<211> 831
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 214
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<223> n = A,T,C or G <400> 453 gttttgggcc tgtaaacct

<210> 454 <211> 676 <212> DNA

<213> Rattus norvegicus

<220>

<221> misc_feature

<222> 39, 41, 59, 74, 75, 137, 170

<223> n = A, T, C or G

<400> 454

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ccagtgccgc caaagggaag agttatgctc cattggttac tcctttgtca aactgggatg 420 aaagcaatgg ccgttcctct gttgttcag ataatatttg gagtgtttaa tggcttatat 480 cactatgctg tatgtgaaaa agcatatgca agaattgtgc ctgatgatta acccaagaat 540 cagtggaggc tagttcagta gaatgaacct ctttataaaa ggtctttggc actggtgtaa 600 aagtgaaaag gaactctgct acttcacct agcattatga gatcctcagt aattataaat 660 gttataaatg ttaaac 676

<210> 455 <211> 695 <212> DNA

<213> Rattus norvegicus

<400> 455

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<211> 582
<212> DNA
<213> Rattus norvegicus
<400> 456
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aacccgagga gtggccagtt tgattttcga tatatatttg tggacgtggc tcctaaaaga 180
cttcctgccg agaatgaagg gatccgttct cactgcgatc ctcacaactc tcttccagaa 300
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tgttcatgag tttggagaag cagatctttc ttgtgaaaaa tcatgagatg tagcaaattc 420
tatattatcc ttgacttgcc gatcatgacc gtatttcagc tctacattca tggtaaacct 480
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ttgtatggct tttatataat caacagaata aagattaaac ta
<210> 457
<211> 432
<212> DNA
<213> Rattus norvegicus
<400> 457
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ttaagaaaag aaatggaaca gcttgtactt gataagaagc aagaggaagc aactgcatta 120
gaagaagatt ctactgactg ggaaaaggag ctacaacagg agctgcagga atatgaagtg 180
gtagcggagt ctgagaagcg agatgaaaac tgggataaag aaattgaaaa aatgcttcag 240
gagagttaat tgtctcccca agccagttct taacgttgtg ctgacttcaa attctgatga 300
ttgctgagtc agaaggcaca aaagtgtgta actttatgca atatgaaatt attctttttc 360
tagctaaaac ttgcctctta aatgaacagc tattgtaata ataaaaaaca acaggatatt 420
gtaaaaaaaa aa
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<210> 458
<211> 173
<212> DNA
<213> Rattus norvegicus
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<221> misc feature
<222> 27, 46, 53, 122, 131
<223> n = A, T, C or G
<400> 458
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agactcctgg tttacctgtt ggcttgcaga gctgagtttg gctagtagaa atcaccagta 120
tntagtaaat ncctgactgt agtgctcatt ggtctccttc ttagcctaat tag
<210> 459
<211> 318
<212> DNA
<213> Rattus norvegicus .
<220>
<221> misc feature
\langle 222 \rangle 34, \overline{4}6, 283, 290
<223> n = A, T, C or G
<400> 459
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cgcggtgctg gtgtccgagt ctcctgcagg tcctcagatt accagtgact aaacttgcac 120
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ctaggcagac cagccatgag agccactcag caggacttcg aaaatgcaat gaaccaggtg 180
aaactcttga agaaggaccc aggaaatgaa gtgaagctga gactgtatgc gctgtataag 240
caggccacag aaggaccctg cactatgcct aaaccaggtg tgnttgactn tgtcaataaa 300
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gccaagtggg atgcatgg
<210> 460
<211> 367
<212> DNA
<213> Rattus norvegicus
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catggcacac agtatectet gttetgaggt gatggtgatg aggeactagg ggatgetetg 180
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aaagagcacc agactgggat tggtcgcatt gtgttaataa ggaagaccta gagtgttcac 300
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gccaaac
<210> 461
<211> 580
<212> DNA
<213> Rattus norvegicus
<400> 461
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tgagaggact gactgggaga ggctgtgttc atgtgaacag ctaacgggtt tgttgttctt 180
taagtactta gaagaagtcg gtgttgatct ggagtctctt aaagctcctc atactggaac 240
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ccgctgctgt gaaccagaac cgactgcatg aggaactcac tttacaaaca gaaattgtaa 360
aattttaagt gacattaatt tgtataaaat aacctgccct gctggaaacc agtgtttgga 420
tttggttctt aaatgatatt tttggagtga aaattagcac taaggtgata tatgactcca 480
gcaaaaatag tattctattg tattaatggg tactatattg atttgccaaa ttttgtgact 540
<210> 462
<211> 366
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 317, 336
<223> n = A, T, C or G
<400> 462
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aatgaaatgc ggacccaact tcgacgacag gcagctgccc acactgatca tttgcgagat 180
gtcctcaagg tgcaagaaca ggaactgaag tttgaatttg aacaggacct gtctgagaaa 240
ttgtctgagc aagaattaga gtttcatcgt cgcagtcaag aacaaatgga caactttact 300
ctggacataa atactgncta tgcaaggttg agaggnattg agcaggctgt tcagagtcat 360
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<210> 463
<211> 763
<212> DNA
<213> Rattus norvegicus
<400> 463
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agacaatagc cagacggcta tgggatgtca gctgtgacct gctgggcctc cctatggatt 180
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tgacccacac agatcccatt ttcctttgga agctactcct aaccaggagc agaaagcgat 480
ataaaggctg gtgtgtggca acgtggatta gatggagctc ttcccagcca accatccttt 540
ccttgtgctc cattggaacc tcaggtgaac ctcaggagtc cagtgacctg gcccaagagc 600
aggtctttgt ggtcccaaca tctggatact taacaaaagt tttcactaaa tctggcagtt 660
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<220>
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<222> 21, 56, 124, 204, 271
<223> n = A, T, C or G
<400> 464
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tctntgtgga gacggacatc gtcgttgatc actacaagga ggaaaagttt gaggacacat 180
ctccagctgg tgagcgcctc tttnagaaag aaacagaaga gctaatggca tggatgagga 240
aatgcactgg gggtcccgtg tcaccaatgt naaggtgact tttccgcctt ggacaacca 299
<210> 465
<211> 407
<212> DNA
<213> Rattus norvegicus
<400> 465
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tctcagtttt attattattc tcaagcaact gcaatttcct agcaggcaac actgtacttt 120
tctcggtccc ctctgttttc taggcactgt tcgataatta tgccttctgt ttcaatggag 180
tggatgggca ttgtttcctt ttgcaggaca gcaggttact gggagccctt aaggtctgtc 240
aacatcagtt ccatttgtaa tggctaaaga atccacttga gaagttaaga gggcttgagt 300
tacttcatgt gaacatctct tattagttac caagttatat tcacagttga aatgtgtcaa 360
aataaagaat cattctgtat tacagatttc acaaaaaaa aaaaaaa
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<210> 466
<211> 236
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 111, 141, 226
<223> n = A, T, C or G
<400> 466
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ccctaacact gcagccctgg ngaaccccat cataaaatta cctttgttgc ttctgtacaa 180
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<210> 467
<211> 284
<212> DNA
<213> Rattus norvegicus
<221> misc_feature
<222> 3, 5, 52, 73, 134, 147, 167, 185, 186, 200, 221, 229, 248,
254, 260, 263, 270, 278
<223> n = A, T, C or G
<400> 467
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<210> 468
<211> 376
<212> DNA
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<400> 468
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tagtcctagt tattactgag gcagggtcta ctaggtggcc ccgattggac tggaacttat 180
tacacagacc aagctggccc ctttctgctt cctgaqtgct gggattaaag gtqtgcacca 240
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aaaaactcta gcggcc
<210> 469
<211> 464
<212> DNA
<213> Rattus norvegicus
<400> 469
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gttcaatgag actccagact cttcctctgg cctgccttcc ggctgtaggt gtctgagtat 240
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464
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<211> 576
<212> DNA
<213> Rattus norvegicus
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cccactcatc tatgagagtg accgagatgg ggccattgaa gacatcatca cagatcttcg 180
gaaccagece tacateegtg cagacacagg aegetgaagt getegeegge geeeceetgg 240
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gcaccetete cetecaatag ceataattag cetgageggg ateetggeet gtaacttata 480
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<210> 471
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<212> DNA
<213> Rattus norvegicus
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aaaaaatcat tgcactttgg tcagaaagat aataaatata tcttataaat gtttgattcc 720
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<210> 473
<211> 643
<212> DNA
<213> Rattus norvegicus
<400> 473
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<211> 550
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<212> DNA
<213> Rattus norvegicus
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<213> Rattus norvegicus
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<211> 541
<212> DNA
<213> Rattus norvegicus
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t.
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<211> 371
<212> DNA
<213> Rattus norvegicus
<400> 477
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<211> 871
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<213> Rattus norvegicus
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gccttgactc caagcctgct ccattgaaaa tttatacatt gaatatggac tcacttgtac 180
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tggctctggt tgccaccgtg ctaggccgtt tttaggaccc agccttctct ctcgtctctt 180
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<212> DNA
<213> Rattus norvegicus
<400> 1069
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<212> DNA
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<210> 1071
<211> 561
<212> DNA
<213> Rattus norvegicus
<400> 1071
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<210> 1072
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<400> 1072
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<211> 491
<212> DNA
<213> Rattus norvegicus
<400> 1073
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<400> 1074
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<210> 1075
<211> 351
<212> DNA
<213> Rattus norvegicus
<400> 1075
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<210> 1076
<211> 329
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 53
<223> n = A, T, C or G
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accattccag tgcttactgt tccttcaccc tctgtatgtg ggcccgcaga aggcacctat 240
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<210> 1077
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<212> DNA
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<211> 494
<212> DNA
<213> Rattus norvegicus
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<210> 1079
<211> 366
<212> DNA
<213> Rattus norvegicus
<400> 1079
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<210> 1080
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<212> DNA
<213> Rattus norvegicus
<400> 1080
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<211> 711
<212> DNA
<213> Rattus norvegicus
<400> 1081
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<210> 1082
<211> 529
<212> DNA
<213> Rattus norvegicus
<400> 1082
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<210> 1083
<211> 418
<212> DNA
<213> Rattus norvegicus
<400> 1083
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<211> 253
<212> DNA
<213> Rattus norvegicus
<220>
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<222> 111, 122
<223> n = A, T, C or G
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<210> 1085
<211> 279
<212> DNA
<213> Rattus norvegicus
<400> 1085
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<210> 1086
<211> 536
<212> DNA
<213> Rattus norvegicus
<400> 1086
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<210> 1087
<211> 637
<212> DNA
<213> Rattus norvegicus
<400> 1087
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637
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<210> 1088
<211> 411
<212> DNA
<213> Rattus norvegicus
<400> 1088
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<210> 1089
<211> 338
<212> DNA
<213> Rattus norvegicus
<400> 1089
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<210> 1090
<211> 503
<212> DNA
<213> Rattus norvegicus
<400> 1090
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cattttgtga aatgctttat gatattcttg tgacacttta acctctgata tttttgtaag 420
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<210> 1091
<211> 580
<212> DNA
<213> Rattus norvegicus
<400> 1091
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<210> 1092
<211> 366
<212> DNA
<213> Rattus norvegicus
<400> 1092
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<210> 1093
<211> 265
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 223, 237, 243, 244, 247, 255, 258, 262, 263, 264
<223> n = A, T, C or G
<400> 1093
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<212> DNA
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cacacattca tetteagtta getgacagtg teetecacat tattagattg etettaaact 660
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<212> DNA
<213> Rattus norvegicus
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<213> Rattus norvegicus
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<213> Rattus norvegiçus
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<212> DNA
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<212> DNA
<213> Rattus norvegicus
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<222> 118
<223> n = A, T, C or G
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caaaggacca ggatttggtc tctcaacatc catgtcaggt ggcctatgac tccatctcca 480
aaggaactct agcctccaag agcagccaaa cacatgtggt acacacacat gcataattac 540
aaataaatac tgtctgtatt catttaatcc t
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<210> 1117
<211> 578
<212> DNA
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<213> Rattus norvegicus

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<400> 1117
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ggttcctgat atcctggttt ctaaaaagga actgaagtaa aacagatgcc tgtctgcttt 480
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<210> 1118
<211> 365
<212> DNA
<213> Rattus norvegicus
<400> 1118
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tagaccatgt catgagggag aggtgttcct ctgggctgtt gctatgagca ggatgggcta 180
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gtagacagga attttgaccc atggggaaaa gataggaaaa gatgtgcttt gacaagtgtg 300
aaaaa
<210> 1119
<211> 575
<212> DNA
<213> Rattus norvegicus
<400> 1119
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caacatgttt acatacagaa acaggcctgc ctcttctgct gatcattctg aaggtccgag 120
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gtgccctcaq ctgqattqta tqtqattqaa qaqcaaqqqc tccatqttqq ttcatttcct 240
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ttttgttcct gcatctgaag atgctctttg atgggtctga acagcagaga gaactgaaca 480
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                                                                 575
<210> 1120
<211> 448
<212> DNA
<213> Rattus norvegicus
<400> 1120
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tcatactggg ggctcctgag tacatccctc tagtgaagcc aaattcaact ccaggtattt 120
ggtcaaatca atgtcaataa taaaggagca aaacttgttg gtcttgccaa atgtgtgcag 180
gggaatgtgt gtttgtgtgt ggatgtttca gtggagacat aaaaatctgt aattttttt 240
agcacctcac cagacataac aattagctat tatcctttcg acaacaccac gaagattgca 300
tctgttaaac aggttcaagt taacaggagg ttagtgtaat tgtacaccat gatattggtg 360
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                                                                448
```

<210> 1121

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<211> 460
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 402, 437
<223> n = A, T, C or G
<400> 1121
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ccatagagca gaaaagtgct aaccaggtag ccacttcatg atgcaagcaa aaagcatagg 120
cgacaaagtt cccactgaga tgcctttggg gctcagtcgg aacgcactgt gcggtcacgt 180
gactgctgtg caggagttgc agcggctgct ccaactccct cctcgccttt ttaagaactt 240
gccagaatgc atggtttaac ttccttatca aaactctgac ctcccttctg ttcttttgtg 300
ctttcacacg actaacacag atttccagag aactaacatt ttgaactttg ctgtaattct 360
caagtgactt tccccccta ctaatgtttg actcccctat gnggcgtgtt ctctgagcgt 420
cctacttaaa ccatggnaca caggtgattt ggagcaccta
<210> 1122
<211> 556
<212> DNA
<213> Rattus norvegicus
<400> 1122
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cagactetgg gtgagaccae agggtgtgac ceaggeagga tttecaeggg tteatggget 180
gatgagggtt cccaaagctc ctgaagggaa cctgaqttgg ccatctcggt tcattccttc 240
atgggcgtat acagatgagg gcccaagggg gagagaaagg aacagatggg ctggaccaga 300
tgagagatcc cagtgttgga qaqqaqqatq qqaqtqqccq aqcatqqqaa cacattcaqq 360
gatggatgag tctgtggttt cttatccaaa actccactga ctcaacctta aaactcacaa 420
gtgggatcca tgcggactga gtcaatctga gtgactgtga ataatgaatg ctctccctca 480
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aaaaaaaaa aaaaaa
<210> 1123
<211> 700
<212> DNA
<213> Rattus norvegicus
<400> 1123
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tteggaactg ggcgtetggg caagacetge aggcgaaget geagetgege taceaggaga 120
tegecaageg gacceageca ceteegaage teeetgtggg eeccagteae aagetgteea 180
acaattacta ctgtactcgt gatggccgcc gggaagttgt gcctccctca atcatcatgt 240
cctcacaaaa ggccctggtg tcgggcaaga cagctgagag ttctgctgtg gcagccacta 300
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ccttggattc cttctgggga qagtqtgacc taatttataa caaatacatt aagtaccaca 480
ttatttccaa tctgtctttt cttggtattt attgattgga tttgatctgt tattactgta 540
tgtgttgggg gtgtgagtac atqctacaqc atgtgtggat gtgagaagat aactttggga 600
attggttttc cccttccact tgttgaggca gggtcttttg tttttggtat cctgtgtact 660
                                                                   700
ccaggttagt tggcccaaga atgtctacat gaggctgctg
<210> 1124
<211> 486
<212> DNA
<213> Rattus norvegicus
<400> 1124
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```
tgagagatga catgattgag gtaggtgaac ttagagataa aagggttctt ataattgaat 60
atagaaaact tctggtttga cggtgtaaca ttaggttctt ttcacttgaa aagattttga 120
aataaaatca catattttaa agctgtaaat tgtatatgtc tgaggattta gtaaaatgtc 180
agagatcaat ctataagaaa atttaaatgt tgtttttata tcttagttgt ctgtcattat 240
tttggatccc acaatcccta atttaaccat ttcggcaagt gcctttgaca cttaaggagt 300
attgtgggag atgagcaaat gtaggtgcca caccccgttt cctggcttct caattcctcg 360
tgacagtata tgttttacag tgctacaaag ttcagtcctt tgtgttcatg tgagattgta 420
ctgtagcctt tccatagtaa acagcaaaat aaaccatttg cagaaaatga aaaaaaaaa 480
aaaaaa
<210> 1125
<211> 322
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 38
<223> n = A, T, C or G
<400> 1125
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tatattcacc ctctcaaaaa ttattatttg aaataattta tttacaggaa gtgttaatga 180
gatgtatttt cttatagaga tgtttcttac agaaagcttt gtagcagaat atatttgcag 240
ctgtcgactt tgtaatttag gggaaatgta taataagatg aaatatatta aatttttctc 300
tctcqaaaaa aaaaaaaaaa aa
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<210> 1126
<211> 644
<212> DNA
<213> Rattus norvegicus
<400> 1126
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gcttgggcag ccgtcccaaa ttttgtatat tagaacaaga gtttctatga attatcatac 120
ctaaagtaaa tattctaagt ggagcccact tgcgatcatc agcctctgtc acgaggattt 180
tacctttaga aggttactca agacaggagc cggtggctta ggaaggggca aggaaatgtg 240
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taagcagtct ctcgtgaggg atgtggctgg gagctgggag gcaagggact gcagtgaact 420
tagctgtgtg accttgggca agtcacctaa cctctctgtg cttcagtctc cctcttgtaa 480
atgggagtaa tacctacctc acagggttgt tgtggggatt aattagagag gaagtctgta 540
aagcatttaa aaggttcttg aagaaggcgc tatataaata caaaataata tctattaaag 600
644
<210> 1127
<211> 534
<212> DNA
<213> Rattus norvegicus
<400> 1127
cagccaccgg gttccctgcg tcgccgagcc tcgcggttca aggacacttt caccgaggaa 60
ctccgccgcg gcgtccggga ccgtctgggg cagcagaagg gtcccggcgc caacgcgtaa 120
gcacggactg tactettcac gggtcgaggt caggtateet ecettcagtg atetacaceg 180
acctcagcat tetegggtca teagaacget acgetgette gagteetaag teggattgte 240
accttacaga tgcctaaagt cacatggaca tctgcccggt aggcctgcag atgtaaagac 300
ctcgaagccc accaatgatt aagagtctag accataaaat agcacgactg agagccatgg 360
acaaacaacc agaaagaaag cccgccttct gcgagcagga ctgaagctga ataaatgctg 420
ctgcatctgc acgggtgcag gagaatacca gcgaagcttg taaatggaat gacaatccca 480
```

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534
<210> 1128
<211> 352
<212> DNA
<213> Rattus norvegicus
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ctctttgggg tcaccacgag catgtggact tcctcagcct gaagcaccat agctggggag 120
aggtggccca gtgtcactgt ccttcctagg tacatgggca ggagctgttg tggttgtacg 180
ggggcgaggc agccacaggg ctgctgcagg taggagggc aagagcagct gcttaaaagc 240
tgggcctgcc aaactctgct ccatggctga acttaatgat aatcgcttgg taatgagtgg 300
<210> 1129
<211> 492
<212> DNA
<213> Rattus norvegicus
<400> 1129
cattigigig aatgigigig tattiatata tcacaataat gtagitatti aggiactiac 60
acgtgaaatt gagcatcatg ttggtgtggt gaccagaagt agtaaggtgc tagacggtca 120
cattaagagc acagccgagt gtgcaatcag tcactqactq gtgqqtttqt aaactaqqtt 180
cagtttttga accacagaat acctcatgtg taaatacagt gttcatgact taactgagat 240
acagttattg taaaaaaaaa tgtgaaqccc ctggctggct cctgccttct gagtttttat 300
agctagaaat ttgaatgcca aagttctatt tattaaacta ataaaaaacg ttttcaatgt 420
taatggctag tatttttcca ctggactatt gtttgttgat gttggaattt gtatttacag 480
agaaataaat tt
                                                             492
<210> 1130
<211> 468
<212> DNA
<213> Rattus norvegicus
<400> 1130
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ttggaaacct tgtcggacat ctttatttct tcatgatgtt cagataccca atggatttgg 120
gaggaaggaa ttttctgtcc acacctcagt ttttgtaccg ctggctaccc agcaggagag 180
gaggggtgtc gggcttcggt gtgccccctg caagcatgag gcgagctgct gatcagaatg 240
geggaggtgg gagacacaac tggggccagg getteegact tggagaccag tgaggagcag 300
ccctggcctg ctcaccagcc atgctaagca gatgacagtc tcctcccagt gctgggcacg 360
cttaatggcc gagctcttgc tgccgctctt ggacctgacc cacactgaat gtagtctttt 420
ggtacaagac acatttttaa atcccgaagg aaaatacaag tgttcctc
                                                             468
<210> 1131
<211> 510
<212> DNA
<213> Rattus norvegicus
<400> 1131
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gacttactgg ttacaagctt gttccttaaa ctttgtgtat gtttaagtgt tactaaagta 120
gtactaaaga aaggtttgta ttcaaccacg tagtaatatt tcaagctact aaaggaatag 180
ttttacctat ttagacaaca gcaatttcta ctacattttt tataagctta aaactcacta 240
tgtatacaat agccggtggg gtgtagaaca aaagaggcca ggaaccaccg tatacaatta 300
gagcgggtat aattgtttca ttaatttgtc acagttttac tgtaaaggaa agtagaggca 360
gaatctttat actcccccg aaaaccacaa tgctgactct atgaatctgc acgccatcct 420
taaaatagta attaagtagc caaatgtgtt cttgacgttg ttcacaactt tgaataaact 480
aagtttcaaa gccaaaaaaa aaaaaaaaaa
                                                             510
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<210> 1132
<211> 530
<212> DNA
<213> Rattus norvegicus
<400> 1132
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cettecatga tgeteattat geaaacetet ttagegetet ttttaagttt geaacgtttt 420
aaatgtaggg gaaggggaag gtttccacca actgaatcat ttgtgcacgt gtacagctca 480
<210> 1133
<211> 600
<212> DNA
<213> Rattus norvegicus
<400> 1133
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ataatttatg gcctgcagta tctcttcttg gagcccaacc ccgaggaccc actgaacaag 120
gaggetgeeg aggteetgea gaacaategg eggetgtttg aacaaaaegt geagegetee 180
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cetgeteage gatgggaaat gaattggett gtttagegee eeceeteeeg etgggtgetg 480
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agcaacccac cccaccacca ctggaggtcc caccaggcta ttaaagggga atgttactgc 600
<210> 1134
<211> 1260
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 629
<223> n = A, T, C or G
<400> 1134
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gccaccacct ggactggcct ctcttccccg tgccctccgc ccctcctcgc tgcaggagct 960
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<210> 1135
<211> 346
<212> DNA
<213> Rattus norvegicus
<400> 1135
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                                                                 346
<210> 1136
<211> 515
<212> DNA
<213> Rattus norvegicus
<400> 1136
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ctatgacaga atgtttacag agatcatctt tgaataactg acttatgaag tattcctatt 420
ttcttctttc acttgtattt ttaaaaattt caataacaaa catgtaatac tttcatcact 480
tgaaaacata ataaaagttg ttgttttaaa aacca
                                                                515
<210> 1137
<211> 487
<212> DNA
<213> Rattus norvegicus
<400> 1137
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cctaaaaaaa ctactgacag cctccgggta aggttagtat cggtcaggca aggcactgtt 180
tagggettte taagaacttg tttteattga acaaageeat tttteeatet gaaaatagaa 240
aatttctaaa aagaattcaa tatattaata aggtagttat attttcaaca agttgactta 300
tgtgtaatat atggattggg aacttgtcac tcattcttat ttaaaatgct gttttgtatt 420
cttttcatta caggaatagt gggcaatcat tttgctgtat ttaagtaaat aatattttct 480
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                                                                487
<210> 1138
<211> 315
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
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```
<222> 35, 99, 120, 244, 278
<223> n = A, T, C or G
<400> 1138
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tcagagatgg ctctggccgg gccagtagga aggcatttnt ctgtatatgt ccttactggn 120
tcaggatctg ggcgagcctc catcctgaga ggagaatgag aaccagtgaa ctcccagcac 180
atgcgctgag ccgagaggat gagcctgcgt gtccgcatag gccttggggt aagagttaga 240
cagnicacaac tgcaggctgc tctgttctga agacactnic gtcaggttgt agggattgag 300
aagtcctaaa cgcca
<210> 1139
<211> 265
<212> DNA
<213> Rattus norvegicus
<400> 1139
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aaaatgtgtt tettataaat getacaaatg caacaacgtt cecaggagee teetteagag 180
tcacggctgt gactggattt ggtggcagca cccggcacag ccttagcttt gctctgcagg 240
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<210> 1140
<211> 449
<212> DNA
<213> Rattus norvegicus
<400> 1140
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aaaaaaaaa aaaaaaaatg gaagcggcc
                                                                   449
<210> 1141
<211> 619
<212> DNA
<213> Rattus norvegicus
<400> 1141
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attectcagt gtcategege tettcageta tatgeagtgg gtgtggggtg etgtetggee 180
ccgacaccgc ttctctttgc aggttaatat ccgacaaagg gataattcag gacacggggc 240
ccagcgtcgg atctctcgcc atcagccagg tcaggcgtct acccagcagt cagatgtgac 300
agaggatggc gagagccctg aggatccctc aggaacaqaq qqtcaqctqt ctqaqqaaqa 360
gaaaccagag aagcagcctc tgaatggaga aggggagcag gagccagagg ctagtgacgg 420
ctcctgggaa gatgctgctt tgctgaccga agcctcaacg tctgccctcg cccctgagac 480
tctgggcagc ctcaggcaac gccagacctg ctccagttcc tgaacaaaag ggtggagtct 540
tcacattcca gcactttccc atagggcacc tcttcccttg ttcccttaat aaactatttt 600
gtgtcagctg ctagtatgg
                                                                   619
<210> 1142
<211> 455
<212> DNA
<213> Rattus norvegicus
```

```
<400> 1142
ctgaactgtt tgttttcaca atttagtctg ccctttccga tacatttgta ttacattcct 60
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cagctctcgt gggacagcgt tctcccattt cctagcagtg agttttgtct ctcaagtcca 180
atggtatttg gttcttttgt gatatttatt gatttctgtg ttacagtaca gggaggtatg 240
tatgtgtgac atctccacca acctgaaacc ctgaaaaaga cccatgttgt acaggtcttc 300
ataaacccta aggtgtttaa tggcatctga catgaaaaaa gtttctaaaa acgctgaata 360
cctgtgaagc ataaagaatg attaaatgta agcatctact tagaatatta ataaaacatt 420
gtattctgat acaaaaaaaa aaaaaaaaa acttg
<210> 1143
<211> 608
<212> DNA
<213> Rattus norvegicus
<400> 1143
catggaggtg gaccggctga agttgacttt tgaggatacc accgactttt ttgaccgtgt 60
agtcatctac cacctgcggg tgctgggtga gaaggcaggg tgagaagtat cggcggttac 120
ttcctccagg aagccccgct gggaggcacc cagaagccct tcaagttctg cacagattta 180
ttggttcctg ttggggaggg ctcttcccac cactgtccag gagctgcctt ccaaqccagt 240
tgtgggctga ctggtttgtc cctgagtgcc tgggttccca acaggctgtc ttcactccqg 300
gtccgcaggc cccagggtac cctggaacag tttgaggatg tggctctcca tcacctgttg 360
cactgtggga ggaggtgggg ggaggtgtga gctgggcaca gggqctgaaq aaqatgctca 420
gactcaggag cctctctgct cttgctgggc cgggcttgca accctgagaa taggttgctt 480
taaggcaagg tetgetggte tecetteeac ttgetgette ceacteacce teegaategt 540
agctcttcct gcctccagaa ccatgagtcc aagtaaaaca ttaaaaacat caaaaaaaaa 600
aaaaaaaa
<210> 1144
<211> 515
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
\langle 222 \rangle 11, \overline{18}, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112,
113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124,
125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136
<223> n = A, T, C or G
<400> 1144
gcgcggactg ntgcggcngg ggaagccatt gcctggttaa tagttgctgt tgctgcactt 60
ccgcttctct cccagcgaga gcgagacacg agtggccagg ccnnnnnnn nnnnnnnn 120
nnnnnnnnn nnnnnacgg agcagccaga cacaaagaga ggggccgttc gcggggtggg 180
gtggggggtt cgctatgtcg gatgacgatt cgagggccag caccagctct tcctcatctt 240
cgtcctccaa ccagcagacc gagaaagaag gcagcacccc caagaagaag gagagtaaag 300
tcagcatgag caaaaactcg aagctcctct ccaccagtgc caagaggatc cagaaggagc 360
tggcagacat cactttagac acqccqccaa actgcagtqc tggtcccaaa ggtgacaaca 420
tctatgagtg gagatcaacc attctggggc ctccagggtc tgtgtatgaa ggtggagtct 480
tcttcctcga catcactttt acaccagagt atccc
                                                                   515
<210> 1145
<211> 301
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 103, 245
<223> n = A, T, C or G
```

```
<400> 1145
egggegggea getgegggeg ggtgeeggge tetettgtet egettegeeg tgegttete 60
cccgccatgg agtactggga gcgattcacc cctgcgaaga acnctgcatg gaactgcgac 120
gcgagctttc ccactcatcc ctatagtggt ggagcagacg ggtcgaggcg agcgcgctta 180
cgacatatac tcgaggctgt tgcgggaacg catcgtgtgc gtcatgggcc cgattgatga 240
cagentggee ageetggtea ategeeeage tgttgttett tacagteaga aageaaceaa 300
<210> 1146
<211> 379
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 7, 29, 31, 33, 39, 40, 42, 44, 45, 46, 47, 73
<223> n = A, T, C or G
<400> 1146
gccagancgg ctttaggaca ggctaagcna ngnggaggnn antnnnnggg aggaggcagc 60
cgcgggtcat gtnaccggaa aggctcctga cggacgccgt ccctcctcgg cgccgcctga 120
gegeceggee egaceegee atggggtget getatageag egaaaaegag gaeteggaee 180
aggaccagga ggagaggaag ctgttgttgg accccagtaa cacccctacc aaagccctca 240
atggagccga gcccagctac catagcctgc cttcagctcg cacagatgag caggccctgc 300
tttcctccat ccttgccaag acagctagca acatcattga tgtgtctgcc gcagactccc 360
agggcatgga gcagcatga
                                                                   379
<210> 1147
<211> 490
<212> DNA
<213> Rattus norvegicus
<400> 1147
agcgcggggg ccggccgtga ggagcgctgg agctgccggt agggaacatg tcggagtccg 60
agccgggcag aaagtgggac cggtgtatgg ccgacgcgtt agtgaagcta ggtactggtt 120
ttggattagg aatggttttc tccctcacct tctttaagag aagaaagtgg ccattagcct 180
ttggttctgg cgtgggactg gggatggcct actccaactg tcagcatgac tttcaggctc 240
catatettet acatggaaaa tatgteaaag ageagtgaet tatgetgaga acateeeage 300
gggagaaaag agaagcctcg tttattcctc aggaatactg aagtgccctg gagtgcgctg 360
acgtcctgtg acagtgccat cagcaacgct ttcaactcca gccactgttt atgtgtttga 420
aaccaagtct gttgcttttg tatcatctct ttggaaattg taaggaggtc ttaaataaat 480
gagaaacagg
                                                                   490
<210> 1148
<211> 238
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 48, 61, 160, 173
<223> n = A, T, C or G
<400> 1148
cgcacgagct gggggtcccc ggggggcgcc cgcagttaag atggcgtnta cagcggacgg 60
ngacgtggga gagacgctag ggcagatgcg gggactgtgg ccgggtgtcg aggatctgag 120
cettaacaag ttggcgacgt ceetgggege gtetggacan egegetgegg etnatettet 180
ccatcttcct gggctacccg ttggctctgt tttatcggca ttaccttttc tacaaggg
<210> 1149
<211> 290
```

```
<212> DNA
<213> Rattus norvegicus
<400> 1149
atcaattatg tgaagggaca tgcagacagc ctagcttcat ggtgctgtgg gtagaactga 60
ggatccccct ggccagaccc cagcacggcc atgtcttccc caaggatcat gttcctagag 120
gtcgcgcccc tggtcctcct caagtggctg tgcacagcag ctctctggag gcgtttggaa 180
cactetgeee teacacatgg gactgetett cetgaageee acactgeteg tgggaaacat 240
ggaaaggaag gcgtgtcgtg tgtgctcagt agattcccaa agccacctct
<210> 1150
<211> 483
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 263
<223> n = A, T, C or G
<400> 1150
tegageggee geeegggeag gtacetgetg eccegetget teacteetgg ggaggeactg 60
ctggtattgg gtggcattag cttcgtcctc aaccagctca tcaagcgctc tctgactgaa 120
agccaggggg acccagtgga cttcttcctg ttggtggtgg tggtggggat ggtgctcatg 180
ggtgtctttt tcagcaccct ctttgtcttc atggattcgg gcacctgggc ctcttccatc 240
ttettecace teatgacetg tgngetggge ettggtgtgg ttetgecetg getgeaetgg 300
ctcattcgta ggaaccccct gctctgqctt cttcaqttcc tcttctacac agaaactcqc 360
atctacctcc tagcctattg gtccttgctg gccaccatgg cctgcctggt ggtgctgtac 420
cagaatgcca agcggtcatc ttctgagtcc aagaagcaca aggctcctac cattaccaga 480
aaq
                                                                   483
<210> 1151
<211> 369
<212> DNA
<213> Rattus norvegicus
<400> 1151
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cgaagatcct cagggtatcc ccaacaacct catgccctat gtctcccagg tggcaatcgg 120
gcgacgagag gccctgaatg tctttggtga tgactacgct acggaggatg ggacaggcgt 180
gagggattac attcatgtgg tggatctggc caagggccat atagcagcct tgaagaagct 240
gaaggagcag tgtggttgcc ggatctacaa cctgggcacg ggcacaggct attcggtcct 300
gcagatggtc caagccatgg agaaggcctc agggaagaag atcccgtacc tgcccgggcg 360
gccgctcga
                                                                   369
<210> 1152
<211> 246
<212> DNA
<213> Rattus norvegicus
<400> 1152
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agacagtetg actgtgaagg aattgcagge agegtgtega gcacggggca tgcgagcact 120
tggtgtcaca gaagaccgtc tgaagggcca gctgaaacag tggctggact tgcacctgta 180
tcacgagatc cctacatcat tgctcatact gtcccgggcc atgtacctgc ccgggcggcc 240
                                                                   246
gctcga
<210> 1153
<211> 811
<212> DNA
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<213> Rattus norvegicus

```
<400> 1153
tegageggee geeegggeag gtacteetet gaggaetaca teaagteagg ageteteett 60
gcctgtggta tcgtgaattc tggggttcgg aatgagtgcg atcctgccct ggcactgctt 120
tccgactacg ttttccataa cagcaatacc atgagacttg gctccatctt cggactaggt 180
ttggcctatg ctggctctaa tcgggaagat gttctaacac tgctgctacc tgtaatggga 240
gattccaagt ccagcatgga ggtcgcaggt gtgacggctc tggcttgtgg gatgatagca 300
gtggggtett geaatggaga tgteactteg accattette agaccateat ggagaaatet 360
gagactgage teaaggacae etacgetegt tggetteete ttggeetggg eeteaateae 420
ttggggaagg gcgaagccat cgaggcgatc ctggctgccc tggaggttgt gtcagaaccg 480
ttccgcagct ttgccaacac tctggtggat gtgtgtgcct atgcaggttc cgggaacgtg 540
ctgaaggttc agcagctcct ccacatctgc agtgagcact tcgactctaa cgagaaggaa 600
gaagacaagg acaagaagga aaagaaggac aaggacaaga aggaggcccc tgccgacatg 660
ggagcacatc agggagtagc tgttctggga atcgcactta ttgctatggg ggaagagatt 720
ggtgcagaga tggcattgcg aacttttggt catttgctga gatatgggga acctaccctc 780
cgtcgggctg tacctcggcc gcgaccacgc t
                                                                    811
<210> 1154
<211> 1059
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
\langle 222 \rangle 54, \overline{62}, \overline{67}
<223> n = A, T, C or G
<400> 1154
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gnctttnttc tggatgtttg aagaaaggga gaagatgttc gagttctatg agcgggtgtc 120
tggagcccgt atgcatgctg cttatatccg accaggagga gtgcaccagg acctacctct 180
tgggcttatg gatgacattt atgaattttc caagaacttc tctcttcgga ttgatgaggt 240
ggaggagatg ctgaccaaca atagaatctg gcgaaatagg acagtcgaca ttggggttgt 300
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ccagtgggac ttgcggaaga cccagccata tgatgtttac gaccaggtgg agtttgatgt 420
tcctattggt tctcgagggg actgctacga taggtatctg tgtcgtgtgg aagagatgcg 480
ccagtccctt cgaatcatcg aacagtgtct gaacaagatg ccgccggggg agatcaaggt 540
tgatgacgcc aaagtgtccc cacctaaacg agcagagatg aagacgtcca tggagtcact 600
aattcatcac tttaagctgt atactgaggg ctaccaagtt cctccaggag ccacatacac 660
cgccattgaa gctcctaagg gcgagtttgg ggtgtacttg gtatctgatg gcagcagccg 720
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gtctaaagga cacatgctgg cagatgtcgt agccatcata ggcacccagg atattgtatt 840
tggagaaata gaccgatgag caaaagcaca gcctgtgagc tcccttgcct gtcagctgct 900
tcatcgagcg aggcctttgt gtggtgggaa acgaggctgt gtttcagcaa acatacatgt 960
actogttgac ttagctgcac aggctttctg tgcatgtact agaaaaggag aaattatatt 1020
aaattagcca cctttggccc ctaaaaaaaa aaaaaaaaa
                                                                    1059
<210> 1155
<211> 798
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 794
<223> n = A, T, C or G
<400> 1155
aagacctggt aagtatacac aatgaagaag aaaacgcatt tatactggac actttacaaa 60
```

```
agcgatggaa aggcccgqat qatcttctgc taggcatgtt ttatgacact gatgatgcaa 120
gtttcaagtg gtttgatcag caaataagac attcgacagt ggccagatga ggatgttgag 180
gacctagttg acacctgtgg ttttctgtat gccaagacag gtgaatggag aaaaggaaat 240
tgtgaaatgt cttctgtgac aggaacactt tgcaaaacag caatcccata tgacaagaag 300
tatttatcag ataaccacat tttaatatcg actctggtga tcgctagcac agtgactctg 360
gcagttttgg gagcggtcat ttggttcctc tatagaagga gcgcacgctc tggcttcacc 420
tetttetete etgeaceaea ateacettae agtgatgget gtgetetggt agttteggaa 480
gaagatgaat actctgttca gctggactga gagtttggga acatcagacg agcacactga 540
acaccttgac aagaaataat ttcctatgca agattgtcat gtaaaatttg ccacggaaaa 600
ctgaaccttt tatggtattc cttattcttc taacaatatt ttcatgtatt caatgtgaca 660
aaacataaac cttctgatta aaaggaaaaa aagtaggttt cagaaaagga accagcacag 720
agctaactta caggttttct taagtagttt tcatttgagt aaatgaaagc tacagtacct 780
gcccgggcgc cgcntcga
<210> 1156
<211> 1221
<212> DNA
<213> Rattus norvegicus
<400> 1156
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cttcctctac gcagaggtct ttgctgtgtt gcttctctgc attcccttca tttctcccaa 180
aagatggcag aagattttta aatctcggct ggttgagttg gtagtgacct atggcaacac 240
tttctttgtg gttctcatcg tcatccttgt gctgttggtc attgatgctg tacgtgagat 300
ccggaaatat gatgatgtaa cagaaaaggt gaacctccag aacaatccag gtgccatgga 360
gcacttccac atgaagcttt tccgtgctca gaggaatctc tatattgctg gcttttcctt 420
gctgctgtcc ttcctgctta gacgcctggt gactctcatc tcccagcagg ccacactgct 480
ggcctccaat gaagccttta aaaagcaggc agaaagtgcc agtgaggcag ccaagaaata 540
catggaggag aatgatcagc taaaqaaqqq aactqctqaq qatgqaqqca aqttqqatqt 600
tgggagtcct gaaatgaagt tagaggagaa caagatcctg aagactgatc tgaagaagct 660
aaaagatgag ctggccagca ccaagaaaaa acttgagaaa gctgaaaacg aggctctggc 720
tatgcagaag cagtctgagg gccttaccaa agaatatgac cgtctgctag aagagcacgc 780
caagctgcag gcctcagtac gtggtccctc agacaagaag gaggagtaaa gacttggttt 840
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ttacaaaaaa aaaaaaaaa a
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<210> 1157
<211> 623
<212> DNA
<213> Rattus norvegicus
<400> 1157
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aatctagtgt ggccttgatc ccgctgagat gcttcaaagc tttattaaga aggtctgggt 120
ccccatgaaa ccctactata cccaggttta ccaggaaatt tgggtaggag tggggttgat 180
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cagtectgeg catgeceatg gecateacta actgetecce cagtecacte aggatgaata 300
cgtcagctga acttaagcaa gctgtgtaga tgggaacatg gaacatcact gtacagttac 360
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ataccactgt ctgctcccct gaataaatcc ttggtaaagc ggccggctcc atcagaacct 480
ctgagacgac ttccttaggg atcctgagga ccaagaagca gtgtttgctg ccctaagatt 540
ggacatcagg atctagtgtt aactttgata ttattaacta ataatattca ataattattt 600
gccaaatggt tttgcttctg cct
                                                                  623
```

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<211> 1076
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 36, 48, 53, 62, 63, 70
<223> n = A, T, C or G
<400> 1158
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tnntggtttn tcagcgtccc aattgtctat gagaagtata agacacagat tgaccactat 120
gttgggattg cccgggatca gaccaagtca attgttgaaa agatccaagc aaagcttcct 180
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ctagagtttg gttccaggtt gtttgttctt tttaatttgg tgttctctcc catcctctcc 360
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gtgttggttt gagaaatcat tccagaatgt gcttttccct cttttccctg cccaccttac 960
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<210> 1159
<211> 1447
<212> DNA
<213> Rattus norvegicus
<400> 1159
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gtgcaggccg ggtccctggg atcttagcac cctctcttcc ccccqqcaqa qaqcctcqqa 180
aaggettaga ggtcactetg tgtageegag tggegegget gtcattgttt etgtetegee 240
cacgictaaa gccicticgc aaactgcict tgtggcccca cccagacaca tcggccgcca 300
ttgcctccga gcccacctta gttctcagct ctgtatcaga aatgctgctc ctttgggaac 360
cacagctaag gaagaaatgg cacggttctg gaataagaac acgagttcca accgtcctgt 420
ctctcccat ttgactatct acaggtggtc tcttcccatg gcaatgtctg tttgccaccg 480
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gatccatgca gccaagttcg tgcttgtctt tcctctcatg taccactcat tgaatggggt 660
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gagggagata aagagcagcg tggatcttgg gagctcatgc ttgggggaaa gacagacagc 1260
tttccatgta tgaggaagat caaaaaaaaa ttgtattaag attgtttcat ttttcatttc 1320
taggaacata cacctttaat gtcattttt ctaatctaaa ttcatgtacc atctttcttt 1380
cactttg
                                                               1447
```

```
<210> 1160
<211> 903
<212> DNA
<213> Rattus norvegicus
<400> 1160
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ggcgtgaggc agagagcaga catgtgcaca ctgtgccgac ctcctcagtc acgcctccac 180
cccgaccttt atccatgttt tcttcctgga gaaagtgtca gaaaagtgta cagcctgggg 240
ccaacctgcc tctcaacctt ttagtatcaa gcgacttaca gaagttacag aattcacctt 300
ctatttccct tgattttact tgtctgaact cattctagat tatttaacat tataatttcg 360
ggcaaccata caagagagaa cacagtgacc taagagaata ctgaaccaga gtcagtcaca 420
tacatcactg accctaacgt tgtattttaa ctggtcccaa aggaatgtat caccccaaga 480
gtgtgagagt caggcaagca gaacgtctct ggggaaggaa gaaaggggct atagaacagc 540
caaacttact gaaaattgtt aaaacggctc ttttccaccc gaccgacact accgtatgca 600
tagaatette acagaateag agttgeeggt attacetagt teaggetgge ecaateeage 660
acagattetg teteaaccet ecceaacce etteegagge teegaacage aagacattaa 720
actacttctt tatagaacta gccaaacact gagagacgag tggctcacta atcatttaag 780
atccaggtat tgcctatgga tgagaaagct ggtaaaccca agagagctct accqttatac 840
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gag
                                                                  903
<210> 1161
<211> 751
<212> DNA
<213> Rattus norvegicus
<400> 1161
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aagactattc cacaacgact cagtgggttt tacctggttt gaagataatg cagttacaaa 120
tgagaggtag aaacaccgta gtaaagacct aaaaatacaa acatcctata cataaacgtt 180
caaattaact gctagaattt catacagata aataatgtaa aaattacatt actttgttca 240
ccaagtaaat gaaaaccatt ttctctgtta actttaatca gcacactaaa gtaagtgtgg 300
tgccaaagag cttctgtgca gctatcagag cgcaggtcat tatgtcaaag ttttgaagta 360
aaaagattaa aaccggtgaa tggtttattc aagtattaaa gcaggtaagt aaaagaaacc 420
aaataatata caacatagaa accattcttg gggagatgtt gatctgccat gaccagctat 480
ttgtgaactc agggttaaca ctgagaagta cacattagtc tggagagagc tgcccatttt 540
tctaagggaa aacaaacctc atttcttact attttatgta gaaactccac atcactaaca 600
gccattattc atcactttga tttggcccta taaaattctc aagagtattt cttgattcat 660
gatagettte taatactgce caaatcaaca geetttaata aaactaaggt cacaagaate 720
gatgaacatt ctgcatgcac aacaaaaat g
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<210> 1162
<211> 685
<212> DNA
<213> Rattus norvegicus
<400> 1162
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attgggagta aaacaattga acacaagcat gacactacaa agaaagcttg gaagagtgaa 120
acacttegaa aggaaaaaaa attataaacc tggcetggta cccattacat atatacatca 180
tacgttatcc acatatatac agtaaatgtt ttggtagcaa catagaccat gcgtcggtct 240
tttgtacaca gatgaagtag caccgtcgat agcaccacca tcttcagatg ataaacccaa 300
ctacacacag caaatggaaa gatagatggg attcgtttgg cccaccctgt agccaagagg 360
tataaggaaa gtaactacat aagaaagatt attctgaaaa ctatattcgt aggccagtgg 420
caaagttcta aaatggacta aaaaaaaaaa tgctaccact acagatgtat atgcaaacag 480
acacattttc ctgggtagtg aatttgttct acggtatggc ataatggtta gtgctggaaa 540
aagggacage gtggacagag agagatttac atagcaggca aatggcaaag ggataacaca 600
cccatctctt ggtgtagaca tcccaaaggc caagccatta cggacaagct atggaaggga 660
gataacacct cgccgcgacc acgct
                                                                  685
```

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<210> 1163
<211> 366
<212> DNA
<213> Rattus norvegicus
<400> 1163
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ctttaaagga gcaatattac ttgaaagaaa agtagatcat ttgccagctt aatgtgtcta 120
ttcaccttaa atgtgtatat gtttccatga ctttttatga gtggcaaata tcctgaaaac 180
gagagaggtc gagttgccaa tgagaattgt tcatcagaac tgatagttct ctgactctaa 240
gatatcactt tcaggacaac aagatcatgt ttccctttag gttcctggaa agacatggga 300
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aagact
<210> 1164
<211> 623
<212> DNA
<213> Rattus norvegicus
<400> 1164
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caccaaatgg acattgatag ctgcattaag gatcagtagc attaacaaaa gttgctttaa 180
aagccattac gtaaaacaag acttgaacat tagcgagagg gtcgagcaga gcagccgtgg 240
gaaccacccc gtttcccctt ggacctccta gtcaattacc ctgtgctctt agaacatgga 300
ctgaccgtgt gcaaaacttt ttatgtgcca aaattctcag tgactttagc tttctccctc 360
ctttttgatg ccgtactttc tgttcgccat gttttgctgt gatgttacat agatagattt 420
gtatgtagtt ttaatgtcac ctataacaaa atgtgtttgg tagcagactg tccagaaagc 480
attttaaatg aagaggtcta aacccttaag ggccaaaaat tctgtatatt agattactct 540
tacaatgaaa aagaacacaa agtacaaaca aaaaaaaccc attttgcacg cttcatgtgt 600
accteggeea gegaceaacg cat
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<210> 1165
<211> 1002
<212> DNA
<213> Rattus norvegicus
<400> 1165
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gattgagcta aatccccaac ccccacctgc agtcattttg aatgcttagg acagcactga 120
ttggtgagcc aataaacaac agcggagatg taataacaag gatacatggt gttagcagag 180
acacgggtat ccttctgtgc tgttaacggc ctcgattgac tggtcattgt caggacagtc 240
cagagagtta accatacgga gaatcccagc tagaactgtg tgtatgtgag ttttactatg 300
aagtcctttg aaacaggctg gttagtggtg gtgcatgtgc ctttaatccc agcatttggg 360
aggaagaggc aagcagatct ctaaattcaa gtccgtcctg gtctacaaag tgaattccaa 420
gggcctgtct ctaaaacaga caaacaacaa acctaccagc tctgcccagt gtaacatact 480
ccgaagctca gtattcactt gttttcagat gtttggtata tttgtagtcg gacagggtgt 540
tttcctcagt gtctcgttga aagcatgctt gcttttctca acacagcttt gacagctctc 600
agaaaaqcct ctttgtggct tatgctaaga ttaggattgc tttttcttct aaaactcttg 660
gcttcctatg ttccctgtca gattatgcat gaactaacaa aacaaactta agttggcctt 720
gggaagtatt tgaatgaaaa atgtaatggg gagtgcttct tagactccct gagcattctg 780
tececegtee aggecacegt teagetteee tgtgacatea gattttgata eagateaett 840
gtttgtggca aggagttctt cactgaagtt tgtatgtgta tttacagagt aactattttt 900
gagaagtatt tattacagta atccataaat aacttttaat cactttaaag tacactgaat 960
gcttatttct gaaataaaat ttctagccaa atggttaacg ct
                                                                  1002
<210> 1166
<211> 751
<212> DNA
<213> Rattus norvegicus
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tacatttgtt tagatacata caaaagcagc tgaaaccctt gggcccaccc agactcgctc 180
tctgtgtgaa cacactgata tccatggatt cgtttcagga ccggtggaat tttttccttt 240
gatacagggt ttctttgtgt agccctggct gtcctggaac tcgatctgta ggtcaggcta 300
cactoggate tacetteete etetgeetet geetecagag tgetgggate aaggetgtge 360
caccacaccc actcaggacc agtgaaactt gatcagaatc ctccccagtc cttgctaact 420
atteteatga gttaetttta gggteececa cattataece attteectaa etgtagtgge 480
tttttactat ggtagttata tccagcaaag tatgtgctag ataagaaggg gaaattaaat 540
ggggacttcc caaccatctt gaacagttct gtgatggtgc tggtgtgtcc ggtgcactta 600
taaatgctgt ggaaggcggg acagtgcagc aggcagtggc gaaaccctga gccgctggcc 660
agagcacagg cggcagcgaa agcagaccag gagcaacagg atagcaagtg ggttccaatt 720
cctttttact gggatggggg aaggaaaggg c
<210> 1167
<211> 201
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 6
<223> n = A, T, C or G
<400> 1167
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gggctcgaaa tctgatcttt gctcgacacc aatgttcagt gattacgtcc aaagaacttt 120
tgaggttcat agaaaaggtt tcgggtgcac cgtgtgctgt tgaatttgtg atgtgttgta 180
cctqccqqq cqqccqctcq a
<210> 1168
<211> 224
<212> DNA
<213> Rattus norvegicus
<400> 1168
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gaccaggatt tacagtttct ggtacgggct gagcaggctg cgatggtgta gtqgccgatg 120
acagagtcat ggctgtgaaa aacacctctg cgtatcatgg aagtggggcg aacatgccga 180
agagccttcc aagttatcct gccgcgggta ggtcagtctc gaat
                                                                   224
<210> 1169
<211> 521
<212> DNA
<213> Rattus norvegicus
<400> 1169
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taaaataggg acgtacaagc gcacacaaag tctccagttc atatgtaagc cctctccaga 120
gttacccaca tacatctcaa cttcaaatgt gcttgtcctc ttcatagcag tcatttcctt 180
ttagggtctg ccactgtcac aaaacagaac cctttccaga acacacacca ccacataccc 240
ctagacacca ctccctaagt ctgacttccg cagtctcgag ttctaagcac tctgggatcc 300
ggtctgctca gtggaggctt ctgctggtgc tgtagagggc atctcaggca ttgactcagg 360
tggggggcca cttgcttcca ggagatttcc ttgatagagc cggcgaaggc gagagagctc 420
tetetetggt ggetgttgee agetgtacea egggtaceaa ggtteaeeeg aeaacaaegt 480
gggggctggt ggagtcacac tgacagctcc atgtacagtg c
                                                                   521
<210> 1170
<211> 623
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<212> DNA
<213> Rattus norvegicus
cagtttgcca ggcagtacag caggaatgag cccctgacct ttgcctggct acgccggtac 60
atcaagtggc ctctgcttcc acctaagaac attaaagacc tcatggatct tgaagctgtc 120
catgatgtct ttgatcttta cctgtggcta agctaccgat ttattgatat gtttccagac 180
tccagttttg ttcggagtct ccagaaagaa ctggatgtca ttatccaaga aggtgtgcac 240
aatatcacca aactgattaa aatctctgag tcacacaagc tcttgaatct ggagccatca 300
gggagccagt cacgtttgcc aggagcctcc aagagcccag ctagaaggac acgtggcact 360
aaaacaggga ataaggcggc agagccaccc agccccagtg acaaggagct gccccttgcc 420
tctaggctgg tgcagcaagg actcctcact gcagacatgc tgaagcagct tcagaaggag 480
tggctgacac aacggccaga acaaggcaaa gagaaagtgg ggacacggag aaagaagaag 540
gaccccaact ctgattagtc tttttttaat tttgcaaata aaaatcaatt ttaaatcctt 600
atgcacacaa aaaaaaaaaa aaa
<210> 1171
<211> 1150
<212> DNA
<213> Rattus norvegicus
<400> 1171
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gttgtcgtct tctgcctcca gcaaggagct cctcatgaag ctgcggcgga caacaggcta 180
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ggcctggctg cacaaacagg cccagaagga aggatggagc aaagccgcca agctccatgg 300
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gcaagtagcc ctgggaacca tggcacactg tcagaacctg acggatcagc tctccacgta 480
cagtaagggc ttcctcaact cctctgagct ttctgaactt gcagctgggc ccgacgggga 540
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ctgccagact cctgagcaga tcacaaacct ggagcaggtt ggccgccgct tgggacaqca 780
tgtggtgggc atggcccctc tctcagtggg ctccctggat gatgagcctg gaggggagac 840
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tgtgcagccc cagggcgtga ccgtagtcga ctttgtgcgc ttcgaatgtg gagaaggtga 960
gcaggtagca gaggctgaat aggtggaaat atttaatttt catacctgga tttccttata 1020
aaaagttatt ttctaaacct cttcaaccct cagatttttt ttttttagtt taaaatgaag 1080
ttatatattc atgggtaaag ttattaaata tcaatgtaat aaaccatgat catttatttg 1140
cataatactt
                                                                  1150
<210> 1172
<211> 543
<212> DNA
<213> Rattus norvegicus
<400> 1172
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aggggaaagt gacaggcggc ccggcgctcc tctgctgccc tcaggaggac ggggacatca 180
agtettteet eeetgageet gtacageege etetgtgeee etgeetggge geteacaate 240
gaatgccctt cagatcccag aactccctcg gggaccccag gcctccagac actgtcccct 300
ggcgctggga tcctcgggca tggggtaggt cccctccttc ccactgcccc aaccccaaga 360
gagagggagg aggggagggc agctggccca gcagtggtct gcacaagaag gccaggagga 420
ctcagccgat ggtgaggcca aagccacaca ggaacttatt cttgcggtgg ttcaggaagg 480
cgcagagcga cagtgtcagg ggcaagggcg gaagcttctt ctccagcgtg ggaccctcgt 540
gcc
                                                                  543
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<210> 1173

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<211> 252
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 202
<223> n = A, T, C or G
<400> 1173
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cagctgtgat tggaacaatt cagattgctg tcatctgtgt ggtggtcctc tgtatcacaa 120
ggaaatgtcc cagaagcaac agaattcaca gacagaagca aaatacaggg cactacagtt 180
cagacaacac aacaagagca tncacacggt taatctagcg ggagcatgtt tcccagtggc 240
cggacaaccg ac
<210> 1174
<211> 215
<212> DNA
<213> Rattus norvegicus
<400> 1174
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gtttcatgcg tcccttagcg tcatgagaat gttcgtactt gataagaact tacgagttct 120
gtggtggaac attactttaa tcttcatagg atgagccctg taaaaaacta gtcccaaaat 180
aaatgtatct tcattggcaa aaaaaaaaaa aaaaa
<210> 1175
<211> 221
<212> DNA
<213> Rattus norvegicus
<400> 1175
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agtggtctag aggtttagaa catgttagtg tcctgaactt ccttcagaat ttcattcctc 120
ttttattcaa aaaactacac aatcagcctg acactgtttg aactcttact aaagctactg 180
gattatctgt catcttgaca catgtgaacc tttttccgtt t
                                                                   221
<210> 1176
<211> 402
<212> DNA
<213> Rattus norvegicus
<400> 1176
ccctggaata tgtggtgttt gaaaggcact tgatgaaccc gtatgggagc tggagaatgc 60
atgccaagat tgtgccccg tgggcacccc ctaagcaacc aattctcaag accttgatga 120
ttcctggtcc tcagctgaaa ccgtgggagg agtacgaaga gacacaaggg gaggcccata 180
agcctcaact aacctgatgg catgaatgac tcctggggag cctggcagag gtggcgcaca 240
cetttaatce cageactegg aagacagagg caggtggate tetgtgagtt caagggcage 300
ctggtctaca gaacaagttg cagggcagcc tgcgctacac agagaaccct gtctcagaaa 360
aaaacaaaag aaaaaaattt aaaaaagact tctgagaggt gc
<210> 1177
<211> 377
<212> DNA
<213> Rattus norvegicus
<400> 1177
aagctcagtg gcagaggtgg gattgtctgc ggctattatg aaggctggag tggagtataa 60
attttatgta gcactcatta tagccatact gcctgggcac attgcttgaa tgcatgtatt 120
ctatgtatac ttttgtgaga tccccaagtc cccttggcga tgagtgatgg aggttgactt 180
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tgaaccatca cagtccagtt tettcagtac caggetatgt agtaagggtc agtacatatt 240
tqatacaqct aatacttttt ctqaqqctaa qqtatgqctt qqtqqtqcca taatgtacaa 300
tatgtatgag gtccctggtt caggacccag catcagaagt gtttttttcc taaattggtt 360
aaaaaaaaa aaaaaaa
                                                                 377
<210> 1178
<211> 541
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc_feature
<222> 21
<223> n = A, T, C or G
<400> 1178
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gcatgcaatg ggaagtatac cagctgaggc agagggagtt gaggccagcc tgggctacat 120
agtaagtttc aggccagcct gggctacata gtgaaatcag gtctaaggaa aaaatatgaa 180
ggaaaaatga aaggcctttt gtcctgcatt ctgcatttgt ttcgtgaatg tttgacctac 240
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tgactgctct tccagaggtc ctgagttcaa atcccagcaa ccacatgatg gctcacaaac 480
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t
<210> 1179
<211> 61
<212> DNA
<213> Rattus norvegicus
<400> 1179
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C
<210> 1180
<211> 530
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 17
<223> n = A, T, C or G
<400> 1180
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tgcaaaggtt ctcatcaccc cagaaagccc ttcacgcctc agtctgtgct gcgctgtctc 240
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ctcaaccgtc gtgaaaatga actcatgtag tatacacctt gtgtctacct tcctccttaa 360
gcagactttg gaattgatat gtgtttcgta tatcagtaac aagtagtagt tttcaataag 420
tagtgtactg tacaaatgtg ttctcttgtt cctagtattt tgattgttta cagcttgggg 480
                                                                 530
<210> 1181
<211> 451
<212> DNA
<213> Rattus norvegicus
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<400> 1181
caaccgagtc aggtgggaaa ggaaaggtta ttggattttt aaaggaaaaa tttcacttta 60
agaaaataat catgattgga gacggagcca cagacatgga agcctgccct cccgctgatg 120
ccttcattgg ctttggaggc aacgtgatca ggcagcaggt taaggacaat gccaagtggt 180
acatcactga ctttgttgaa ctgctaggag aactggaaga atgatctgga cttcccggtc 240
actcagaaca actccacctt ctcgacgcta cacagttggg ctcctggaag agtctaggag 300
acagctattt ttttctactg tagttccaat attaatatga ctactaatta catggagagt 360
tttatattct gaattctttg tgtatattcc tcggaatatt ttacctggag ctttctgagg 420
tgcatagtaa attaaatgcc tttactcttg c
<210> 1182
<211> 652
<212> DNA
<213> Rattus norvegicus
<220>
<221> misc feature
<222> 588, 598
<223> n = A, T, C or G
<400> 1182
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gcaacctgtt tctacttggc ggtgtggcat taggcctggc catcccccag ctggtgggaa 120
tectgetgte ecaggteett gtgaateaga taaaagatea gateaagetg eagetetaca 180
accagcagca ccgtgctgac ccgtggtact gagactcctt cctgtgcttc ctcaccatgg 240
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tagattccag cccccagagt gaaggcccag tggaaagacg aaatcccaaa ggaaggacac 360
agatggetea ggteteacaa ggatgtgeet cateteecca teccageete aataetgeet 420
gagaattatt ttgtcctgtt tgtaaccttg aacatttgag tttatgtttt ttggtttcct 480
gtgggcacag gtgtggaagc ggcagtggta cagaaagccg tagggttact agctgcacac 540
ttcgctgagg cacaacagac agctctgtta acgctgctgc tgagctangt ggacatanag 600
totgotgoca togagtactg gotgtgtgga goagacacta goaagcotgo ot
<210> 1183
<211> 437
<212> DNA
<213> Rattus norvegicus
<400> 1183
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